

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008060.D
 Acq On : 28 Mar 2022 12:23
 Operator : SY/MD
 Sample : VY0328SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

Quant Time: Mar 28 18:56:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	165544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	249258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72115	43.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.840%		
35) Dibromofluoromethane	7.722	113	68826	39.778	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.560%		
50) Toluene-d8	10.185	98	247454	37.961	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	75.920%		
62) 4-Bromofluorobenzene	12.483	95	93139	40.499	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	81.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27347	18.325	ug/l	100
3) Chloromethane	2.119	50	33577	18.477	ug/l	97
4) Vinyl Chloride	2.253	62	40824	16.884	ug/l	97
5) Bromomethane	2.650	94	36474	18.407	ug/l	99
6) Chloroethane	2.796	64	27085	17.030	ug/l	99
7) Trichlorofluoromethane	3.131	101	50898	16.641	ug/l	96
8) Diethyl Ether	3.533	74	18648	18.827	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.905	101	32048	16.892	ug/l	92
10) Methyl Iodide	4.094	142	30468	14.980	ug/l	91
11) Tert butyl alcohol	4.954	59	15416	89.459	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	29785	16.958	ug/l	82
13) Acrolein	3.735	56	14150	100.883	ug/l	100
14) Allyl chloride	4.485	41	39281	16.998	ug/l #	91
15) Acrylonitrile	5.173	53	44641	94.620	ug/l	99
16) Acetone	3.954	43	34967	92.107	ug/l #	86
17) Carbon Disulfide	4.204	76	92226	18.531	ug/l	99
18) Methyl Acetate	4.478	43	19934	14.866	ug/l #	82
19) Methyl tert-butyl Ether	5.228	73	91740	18.379	ug/l	92
20) Methylene Chloride	4.716	84	41663	18.619	ug/l #	79
21) trans-1,2-Dichloroethene	5.228	96	35285	17.350	ug/l	82
22) Diisopropyl ether	6.118	45	91417	18.387	ug/l #	91
23) Vinyl Acetate	6.064	43	308913	100.275	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	56021	17.020	ug/l	97
25) 2-Butanone	6.990	43	55517	96.097	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	52928	16.980	ug/l	92
27) cis-1,2-Dichloroethene	6.990	96	40348	17.116	ug/l	82
28) Bromochloromethane	7.338	49	22305	20.803	ug/l #	71
29) Tetrahydrofuran	7.350	42	36063	96.016	ug/l #	74
30) Chloroform	7.508	83	61579	17.278	ug/l	96
31) Cyclohexane	7.783	56	53090	17.100	ug/l	90
32) 1,1,1-Trichloroethane	7.703	97	55408	16.826	ug/l	95
36) 1,1-Dichloropropene	7.923	75	46311	17.039	ug/l	97
37) Ethyl Acetate	7.076	43	24885	19.600	ug/l #	89
38) Carbon Tetrachloride	7.905	117	48868	16.499	ug/l	98
39) Methylcyclohexane	9.185	83	62168	16.946	ug/l	86
40) Benzene	8.161	78	135207	17.391	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008060.D
 Acq On : 28 Mar 2022 12:23
 Operator : SY/MD
 Sample : VY0328SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 28 18:56:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	13156m	20.636	ug/l	
42) 1,2-Dichloroethane	8.240	62	40431	18.539	ug/l	89
43) Isopropyl Acetate	8.277	43	47173	18.926	ug/l #	87
44) Trichloroethene	8.941	130	38838	17.276	ug/l	98
45) 1,2-Dichloropropane	9.215	63	33062	18.045	ug/l	98
46) Dibromomethane	9.307	93	22513	18.687	ug/l	94
47) Bromodichloromethane	9.502	83	48593	17.639	ug/l	98
48) Methyl methacrylate	9.295	41	19681	17.828	ug/l #	75
49) 1,4-Dioxane	9.301	88	6018	375.759	ug/l #	80
51) 4-Methyl-2-Pentanone	10.075	43	118995	94.659	ug/l #	83
52) Toluene	10.246	92	89516	17.557	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	51964	18.402	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	57751	18.066	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	30932	18.594	ug/l	95
56) Ethyl methacrylate	10.514	69	41287	19.026	ug/l #	75
57) 1,3-Dichloropropane	10.794	76	50402	18.512	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	86758	96.496	ug/l #	88
59) 2-Hexanone	10.837	43	84307	95.842	ug/l	82
60) Dibromochloromethane	10.989	129	36665	18.122	ug/l	98
61) 1,2-Dibromoethane	11.093	107	31654	19.105	ug/l	97
64) Tetrachloroethene	10.721	164	32284	16.864	ug/l	97
65) Chlorobenzene	11.520	112	98044	17.445	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	36113	17.420	ug/l	97
67) Ethyl Benzene	11.593	91	170274	17.286	ug/l	96
68) m/p-Xylenes	11.709	106	133593	34.107	ug/l	92
69) o-Xylene	12.032	106	65192	17.383	ug/l	90
70) Styrene	12.050	104	107861	17.569	ug/l	94
71) Bromoform	12.209	173	21636	17.285	ug/l #	97
73) Isopropylbenzene	12.331	105	167642	17.423	ug/l	100
74) N-amyl acetate	12.148	43	41872	19.797	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.587	83	36656	19.600	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	25322m	17.820	ug/l	
77) Bromobenzene	12.611	156	38528	17.454	ug/l	98
78) n-propylbenzene	12.672	91	200165	17.637	ug/l	98
79) 2-Chlorotoluene	12.757	91	112561	17.879	ug/l	96
80) 1,3,5-Trimethylbenzene	12.818	105	137575	17.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	12153	19.082	ug/l #	82
82) 4-Chlorotoluene	12.855	91	116413	18.021	ug/l	97
83) tert-Butylbenzene	13.081	119	122593	17.457	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	137426	17.903	ug/l	98
85) sec-Butylbenzene	13.257	105	180969	17.459	ug/l	99
86) p-Isopropyltoluene	13.373	119	149068	17.280	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	76354	17.447	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	77308	17.713	ug/l	98
89) n-Butylbenzene	13.702	91	138037	17.392	ug/l	98
90) Hexachloroethane	13.965	117	28106	16.815	ug/l	80
91) 1,2-Dichlorobenzene	13.745	146	68380	17.747	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5471	18.329	ug/l	78
93) 1,2,4-Trichlorobenzene	15.013	180	39555	17.141	ug/l	99
94) Hexachlorobutadiene	15.117	225	20029	16.406	ug/l	96
95) Naphthalene	15.245	128	91064	17.852	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	34121	17.088	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
Data File : VY008060.D
Acq On : 28 Mar 2022 12:23
Operator : SY/MD
Sample : VY0328SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

Quant Time: Mar 28 18:56:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
Data File : VY008060.D
Acq On : 28 Mar 2022 12:23
Operator : SY/MD
Sample : VY0328SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

Quant Time: Mar 28 18:56:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/29/2022
Supervised By : Mahesh Dadoda 03/29/2022

