

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008067.D
 Acq On : 28 Mar 2022 16:16
 Operator : SY/MD
 Sample : VY0328SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

Quant Time: Mar 29 02:26:48 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

03/29/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dadoda
Internal Standards							03/29/2022
1) Pentafluorobenzene	7.795	168	154243	50.000	ug/l	0.00	Supervised By :Mahesh Dadoda
34) 1,4-Difluorobenzene	8.691	114	267975	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.496	117	240594	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.428	152	112456	50.000	ug/l	0.00	
System Monitoring Compounds							03/29/2022
33) 1,2-Dichloroethane-d4	8.143	65	78633	50.812	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.620%	
35) Dibromofluoromethane	7.722	113	83350	49.609	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%	
50) Toluene-d8	10.185	98	316318	49.972	ug/l	0.00	
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.940%	
62) 4-Bromofluorobenzene	12.483	95	107381	48.084	ug/l	0.00	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.160%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.906	85	28028	20.158	ug/l	97	
3) Chloromethane	2.113	50	36005	21.265	ug/l	99	
4) Vinyl Chloride	2.253	62	44540	19.771	ug/l	100	
5) Bromomethane	2.650	94	37530	20.328	ug/l	99	
6) Chloroethane	2.796	64	29309	19.778	ug/l	98	
7) Trichlorofluoromethane	3.131	101	52362	18.374	ug/l	96	
8) Diethyl Ether	3.534	74	17624	19.097	ug/l	76	
9) 1,1,2-Trichlorotrifluo...	3.906	101	33044	18.693	ug/l	92	
10) Methyl Iodide	4.095	142	36134	18.604	ug/l	91	
11) Tert butyl alcohol	4.948	59	13070	81.402	ug/l #	94	
12) 1,1-Dichloroethene	3.875	96	31692	19.366	ug/l	82	
13) Acrolein	3.729	56	11514	88.104	ug/l	100	
14) Allyl chloride	4.485	41	43231	20.078	ug/l #	89	
15) Acrylonitrile	5.168	53	40442	92.000	ug/l	97	
16) Acetone	3.948	43	31600	89.337	ug/l	90	
17) Carbon Disulfide	4.204	76	98105	21.156	ug/l	98	
18) Methyl Acetate	4.485	43	17514	13.532	ug/l #	82	
19) Methyl tert-butyl Ether	5.229	73	87142	18.737	ug/l	94	
20) Methylene Chloride	4.723	84	40491	19.645	ug/l #	75	
21) trans-1,2-Dichloroethene	5.222	96	37729	19.911	ug/l #	81	
22) Diisopropyl ether	6.125	45	90986	19.641	ug/l #	93	
23) Vinyl Acetate	6.064	43	290458	101.193	ug/l #	86	
24) 1,1-Dichloroethane	6.021	63	60747	19.808	ug/l	97	
25) 2-Butanone	6.990	43	48488	90.079	ug/l #	72	
26) 2,2-Dichloropropane	6.984	77	56380	19.412	ug/l	93	
27) cis-1,2-Dichloroethene	6.990	96	42543	19.369	ug/l	82	
28) Bromochloromethane	7.338	49	20849	20.902	ug/l #	71	
29) Tetrahydrofuran	7.350	42	31675	90.512	ug/l #	74	
30) Chloroform	7.515	83	64608	19.456	ug/l	99	
31) Cyclohexane	7.789	56	54183	18.731	ug/l #	80	
32) 1,1,1-Trichloroethane	7.704	97	58984	19.224	ug/l	95	
36) 1,1-Dichloropropene	7.923	75	50368	19.085	ug/l	97	
37) Ethyl Acetate	7.076	43	21621	17.537	ug/l #	90	
38) Carbon Tetrachloride	7.905	117	51771	18.000	ug/l	97	
39) Methylcyclohexane	9.185	83	63266	17.760	ug/l #	86	
40) Benzene	8.167	78	144173	19.098	ug/l	96	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008067.D
 Acq On : 28 Mar 2022 16:16
 Operator : SY/MD
 Sample : VY0328SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

Quant Time: Mar 29 02:26:48 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

03/29/2022
 Supervised By : Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	13413m	21.667	ug/l	
42) 1,2-Dichloroethane	8.240	62	39374	18.592	ug/l	89
43) Isopropyl Acetate	8.277	43	41989	17.349	ug/l #	84
44) Trichloroethene	8.941	130	41022	18.791	ug/l	97
45) 1,2-Dichloropropane	9.222	63	33814	19.005	ug/l	95
46) Dibromomethane	9.307	93	21624	18.484	ug/l	93
47) Bromodichloromethane	9.502	83	50279	18.795	ug/l	98
48) Methyl methacrylate	9.295	41	18986	17.711	ug/l #	80
49) 1,4-Dioxane	9.301	88	5318	341.955	ug/l #	82
51) 4-Methyl-2-Pentanone	10.075	43	105786	86.661	ug/l #	84
52) Toluene	10.246	92	94252	19.037	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	49695	18.123	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	58192	18.747	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	29850	18.479	ug/l	94
56) Ethyl methacrylate	10.514	69	37530	17.811	ug/l #	74
57) 1,3-Dichloropropane	10.795	76	48911	18.500	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	72768	83.349	ug/l	90
59) 2-Hexanone	10.831	43	74737	87.496	ug/l	84
60) Dibromochloromethane	10.990	129	34777	17.702	ug/l	98
61) 1,2-Dibromoethane	11.093	107	28712	17.847	ug/l	100
64) Tetrachloroethene	10.721	164	32475	17.574	ug/l	94
65) Chlorobenzene	11.520	112	101923	18.788	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	36972	18.476	ug/l	96
67) Ethyl Benzene	11.593	91	178989	18.825	ug/l	96
68) m/p-Xylenes	11.703	106	141871	37.524	ug/l	92
69) o-Xylene	12.032	106	67714	18.706	ug/l	90
70) Styrene	12.044	104	110086	18.577	ug/l	95
71) Bromoform	12.209	173	20442	16.920	ug/l #	99
73) Isopropylbenzene	12.331	105	174161	18.763	ug/l	100
74) N-amyl acetate	12.148	43	37307	18.284	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.587	83	33074	18.332	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	26628m	19.425	ug/l	
77) Bromobenzene	12.611	156	40004	18.786	ug/l	93
78) n-propylbenzene	12.672	91	208676	19.059	ug/l	98
79) 2-Chlorotoluene	12.758	91	118476	19.507	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	142730	18.770	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10638	17.314	ug/l	84
82) 4-Chlorotoluene	12.855	91	121312	19.466	ug/l	98
83) tert-Butylbenzene	13.081	119	126885	18.729	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	142411	19.231	ug/l	99
85) sec-Butylbenzene	13.258	105	185404	18.541	ug/l	99
86) p-Isopropyltoluene	13.373	119	151953	18.259	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	78024	18.481	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	77236	18.344	ug/l	98
89) n-Butylbenzene	13.703	91	141349	18.460	ug/l	99
90) Hexachloroethane	13.965	117	28690	17.792	ug/l	80
91) 1,2-Dichlorobenzene	13.745	146	69117	18.595	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4919	17.082	ug/l	85
93) 1,2,4-Trichlorobenzene	15.013	180	38906	17.476	ug/l	97
94) Hexachlorobutadiene	15.117	225	18486	15.696	ug/l	97
95) Naphthalene	15.239	128	80792	16.418	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	32912	17.086	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
Data File : VY008067.D
Acq On : 28 Mar 2022 16:16
Operator : SY/MD
Sample : VY0328SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 29 02:26:48 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

Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBSD01

Manual Integrations
APPROVED

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

03/29/2022
Supervised By :Mahesh
Dadoda

03/29/2022
Supervised By :Mahesh
Dadoda

03/29/2022

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

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

Manual Integrations APPROVED

03/29/2022
Supervised By :Mahesh
Dadoda

03/29/2022
Supervised By :Mahesh
Dadoda

Quant Time: Mar 29 02:26:48 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

