

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008230.D
 Acq On : 06 Apr 2022 13:20
 Operator : SY/MD
 Sample : VY0406SBS05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0406SBS05

Quant Time: Apr 07 02:11:19 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
 04/07/2022

Supervised By :Mahesh
 Dadoda
 04/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	152161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108730	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.142	65	68501	44.871	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.740%
35) Dibromofluoromethane	7.716	113	74791	46.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.960%
50) Toluene-d8	10.179	98	275583	45.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.900%
62) 4-Bromofluorobenzene	12.483	95	93398	44.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	26324	19.191	ug/l	99
3) Chloromethane	2.113	50	34276	20.521	ug/l	94
4) Vinyl Chloride	2.253	62	45025	20.260	ug/l	100
5) Bromomethane	2.643	94	37856	20.785	ug/l	95
6) Chloroethane	2.790	64	29848	20.417	ug/l	98
7) Trichlorofluoromethane	3.125	101	51287	18.243	ug/l	91
8) Diethyl Ether	3.527	74	16832	18.488	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	32289	18.516	ug/l	93
10) Methyl Iodide	4.088	142	34495	18.058	ug/l	90
11) Tert butyl alcohol	4.954	59	12965	81.853	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	29637	18.358	ug/l #	80
13) Acrolein	3.723	56	8979	69.647	ug/l	93
14) Allyl chloride	4.478	41	37746	17.770	ug/l #	90
15) Acrylonitrile	5.161	53	40225	92.759	ug/l	98
16) Acetone	3.948	43	29376	84.185	ug/l	90
17) Carbon Disulfide	4.186	76	83566	18.268	ug/l	98
18) Methyl Acetate	4.478	43	18102	14.585	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	81922	17.856	ug/l	95
20) Methylene Chloride	4.716	84	43566	21.896	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	35250	18.857	ug/l #	80
22) Diisopropyl ether	6.118	45	85904	18.798	ug/l #	90
23) Vinyl Acetate	6.057	43	270148	95.405	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	57102	18.874	ug/l	98
25) 2-Butanone	6.984	43	46962	88.438	ug/l #	74
26) 2,2-Dichloropropane	6.978	77	51551	17.993	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	40556	18.717	ug/l	80
28) Bromochloromethane	7.332	49	19297	18.992	ug/l #	69
29) Tetrahydrofuran	7.350	42	31269	90.575	ug/l #	73
30) Chloroform	7.502	83	61447	18.757	ug/l	98
31) Cyclohexane	7.783	56	51053	17.891	ug/l #	81
32) 1,1,1-Trichloroethane	7.704	97	55203	18.238	ug/l	95
36) 1,1-Dichloropropene	7.917	75	46362	18.539	ug/l	95
37) Ethyl Acetate	7.069	43	22652	19.389	ug/l #	93
38) Carbon Tetrachloride	7.899	117	49191	18.049	ug/l	98
39) Methylcyclohexane	9.185	83	59619	17.662	ug/l #	83
40) Benzene	8.161	78	137610	19.237	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008230.D
 Acq On : 06 Apr 2022 13:20
 Operator : SY/MD
 Sample : VY0406SBS05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0406SBS05

Quant Time: Apr 07 02:11:19 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
 04/07/2022

Supervised By :Mahesh
 Dadoda
 04/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	11275m	19.221	ug/l	
42) 1,2-Dichloroethane	8.234	62	37505	18.690	ug/l	90
43) Isopropyl Acetate	8.270	43	40734	17.761	ug/l #	85
44) Trichloroethene	8.941	130	39001	18.854	ug/l	99
45) 1,2-Dichloropropane	9.215	63	32516	19.287	ug/l	91
46) Dibromomethane	9.307	93	20934	18.884	ug/l	95
47) Bromodichloromethane	9.496	83	46563	18.369	ug/l	98
48) Methyl methacrylate	9.289	41	18084	17.803	ug/l #	78
49) 1,4-Dioxane	9.295	88	5024	340.921	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	106930	92.444	ug/l #	83
52) Toluene	10.246	92	90268	19.241	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	47110	18.131	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	54584	18.557	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	28694	18.746	ug/l	98
56) Ethyl methacrylate	10.508	69	35225	17.642	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	47102	18.801	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	67985	82.179	ug/l	90
59) 2-Hexanone	10.831	43	72968	90.151	ug/l	80
60) Dibromochloromethane	10.983	129	33354	17.917	ug/l	99
61) 1,2-Dibromoethane	11.087	107	28585	18.750	ug/l	99
64) Tetrachloroethene	10.721	164	32270	18.378	ug/l	97
65) Chlorobenzene	11.514	112	96662	18.752	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	35134	18.478	ug/l	97
67) Ethyl Benzene	11.593	91	170915	18.917	ug/l	98
68) m/p-Xylenes	11.703	106	133233	37.086	ug/l	92
69) o-Xylene	12.026	106	64022	18.612	ug/l	91
70) Styrene	12.044	104	105440	18.725	ug/l	94
71) Bromoform	12.209	173	19953	17.380	ug/l #	99
73) Isopropylbenzene	12.331	105	168611	18.787	ug/l	99
74) N-amyl acetate	12.142	43	34132	17.301	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.581	83	34030	19.508	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	28476m	21.484	ug/l	
77) Bromobenzene	12.611	156	38307	18.605	ug/l	93
78) n-propylbenzene	12.672	91	202303	19.110	ug/l	99
79) 2-Chlorotoluene	12.757	91	110985	18.899	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	137311	18.676	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	10525	17.717	ug/l #	83
82) 4-Chlorotoluene	12.855	91	114822	19.056	ug/l	97
83) tert-Butylbenzene	13.074	119	123587	18.867	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	135205	18.884	ug/l	97
85) sec-Butylbenzene	13.251	105	184567	19.090	ug/l	99
86) p-Isopropyltoluene	13.367	119	150818	18.743	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	77006	18.865	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	75805	18.621	ug/l	99
89) n-Butylbenzene	13.696	91	138496	18.707	ug/l	99
90) Hexachloroethane	13.965	117	27571	17.684	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	66791	18.585	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4747	17.050	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	38011	17.659	ug/l	99
94) Hexachlorobutadiene	15.117	225	19815	17.401	ug/l	99
95) Naphthalene	15.239	128	79514	16.712	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	32353	17.371	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
Data File : VY008230.D
Acq On : 06 Apr 2022 13:20
Operator : SY/MD
Sample : VY0406SBS05
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 07 02:11:19 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 :
VY0406SBS05

Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/07/2022

Supervised By :Mahesh
Dadoda
04/07/2022

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

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

