

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011885.D
 Acq On : 15 Dec 2022 20:16
 Operator : KP/MD
 Sample : N6038-28MS
 Misc : 3.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-42-(3-5)MS

Quant Time: Dec 16 00:16:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	163683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56456	50.603	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.200%			
35) Dibromofluoromethane	7.716	113	58457	53.898	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.800%			
50) Toluene-d8	10.179	98	166961	46.181	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.360%			
62) 4-Bromofluorobenzene	12.483	95	62618	43.390	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36429	50.252	ug/l	99
3) Chloromethane	2.113	50	43063	49.127	ug/l	96
4) Vinyl Chloride	2.253	62	50761	48.414	ug/l	99
5) Bromomethane	2.650	94	32654	46.150	ug/l	95
6) Chloroethane	2.796	64	36847	45.396	ug/l	100
7) Trichlorofluoromethane	3.125	101	104081	46.257	ug/l	100
8) Diethyl Ether	3.534	74	38936	49.403	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	62087	46.223	ug/l	98
10) Methyl Iodide	4.088	142	55568	35.334	ug/l	98
11) Tert butyl alcohol	4.954	59	32653	248.157	ug/l	97
12) 1,1-Dichloroethene	3.875	96	54468	44.964	ug/l	99
13) Acrolein	3.729	56	22852	99.036	ug/l	99
14) Allyl chloride	4.479	41	90993	45.221	ug/l	99
15) Acrylonitrile	5.161	53	98319	232.418	ug/l	100
16) Acetone	3.948	43	85017	190.219	ug/l	96
17) Carbon Disulfide	4.198	76	109198	39.473	ug/l	97
18) Methyl Acetate	4.472	43	142811	137.255	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	198825	52.421	ug/l	98
20) Methylene Chloride	4.716	84	82058	51.785	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	61316	45.035	ug/l	95
22) Diisopropyl ether	6.119	45	219248	49.941	ug/l	96
23) Vinyl Acetate	6.064	43	214826m	85.774	ug/l	
24) 1,1-Dichloroethane	6.015	63	127660	47.852	ug/l	99
25) 2-Butanone	6.984	43	128523	223.555	ug/l	97
26) 2,2-Dichloropropane	6.984	77	117304	46.736	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	78981	47.464	ug/l	99
28) Bromochloromethane	7.332	49	48353	49.785	ug/l	98
29) Tetrahydrofuran	7.344	42	86024	262.893	ug/l	99
30) Chloroform	7.509	83	141655	49.668	ug/l	98
31) Cyclohexane	7.783	56	88552	46.219	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	125298	49.261	ug/l	100
36) 1,1-Dichloropropene	7.917	75	88501	47.506	ug/l	99
37) Ethyl Acetate	7.076	43	32049	29.426	ug/l	98
38) Carbon Tetrachloride	7.899	117	110046	50.288	ug/l	94
39) Methylcyclohexane	9.185	83	88336	42.142	ug/l	99
40) Benzene	8.161	78	272806	49.018	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011885.D
 Acq On : 15 Dec 2022 20:16
 Operator : KP/MD
 Sample : N6038-28MS
 Misc : 3.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-42-(3-5)MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022

Quant Time: Dec 16 00:16:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	26877m	48.883	ug/l	
42) 1,2-Dichloroethane	8.234	62	91442	53.132	ug/l	100
43) Isopropyl Acetate	8.271	43	70714	35.806	ug/l #	87
44) Trichloroethene	8.941	130	73371	47.072	ug/l	99
45) 1,2-Dichloropropane	9.216	63	73931	51.325	ug/l	98
46) Dibromomethane	9.307	93	43847	54.380	ug/l	98
47) Bromodichloromethane	9.496	83	109985	52.800	ug/l	99
48) Methyl methacrylate	9.289	41	54258	62.326	ug/l	99
49) 1,4-Dioxane	9.295	88	11211	1003.649	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	293425	269.641	ug/l	99
52) Toluene	10.246	92	171865	48.576	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	102750	49.383	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	112963	48.321	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	66147	55.504	ug/l	99
56) Ethyl methacrylate	10.508	69	50774	33.004	ug/l	99
57) 1,3-Dichloropropane	10.788	76	106083	53.401	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	187660	263.061	ug/l	99
59) 2-Hexanone	10.831	43	182210	234.351	ug/l	99
60) Dibromochloromethane	10.983	129	80141	53.690	ug/l	99
61) 1,2-Dibromoethane	11.087	107	56188	52.043	ug/l	98
64) Tetrachloroethene	10.721	164	69736	46.886	ug/l	98
65) Chlorobenzene	11.514	112	177487	46.857	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	77869	52.991	ug/l	99
67) Ethyl Benzene	11.593	91	318614	47.738	ug/l	99
68) m/p-Xylenes	11.703	106	241430	94.457	ug/l	99
69) o-Xylene	12.032	106	120223	49.346	ug/l	99
70) Styrene	12.044	104	194935	46.880	ug/l	99
71) Bromoform	12.209	173	49323	54.417	ug/l #	99
73) Isopropylbenzene	12.331	105	309879	54.944	ug/l	100
74) N-amyl acetate	12.142	43	32394	23.889	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	71048	64.685	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	57886m	65.727	ug/l	
77) Bromobenzene	12.611	156	72101	54.753	ug/l	97
78) n-propylbenzene	12.672	91	346440	51.257	ug/l	99
79) 2-Chlorotoluene	12.758	91	195809	50.762	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	248804	52.192	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	22212	57.231	ug/l	98
82) 4-Chlorotoluene	12.855	91	196439	49.099	ug/l	99
83) tert-Butylbenzene	13.075	119	221041	53.251	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	244653	52.123	ug/l	99
85) sec-Butylbenzene	13.251	105	295323	47.773	ug/l	99
86) p-Isopropyltoluene	13.367	119	242029	47.040	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	120392	45.431	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	120647	45.808	ug/l	99
89) n-Butylbenzene	13.696	91	183412	39.214	ug/l	99
90) Hexachloroethane	13.959	117	46550	45.531	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	112333	47.106	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11195	58.460	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	43917	31.576	ug/l	98
94) Hexachlorobutadiene	15.111	225	24047	27.211	ug/l	98
95) Naphthalene	15.239	128	118313	43.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	37725	31.401	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
Data File : VY011885.D
Acq On : 15 Dec 2022 20:16
Operator : KP/MD
Sample : N6038-28MS
Misc : 3.67g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-42-(3-5)MS

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

Quant Time: Dec 16 00:16:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

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

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

