

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008100.D
 Acq On : 29 Mar 2022 20:19
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda
 03/30/2022

Supervised By :Semsetun
 Yesilyurt
 03/30/2022

Quant Time: Mar 30 04:02:36 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)

Internal Standards						
1) Pentafluorobenzene	7.795	168	159273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76569	47.916	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.840%		
35) Dibromofluoromethane	7.716	113	85847	49.816	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.640%		
50) Toluene-d8	10.179	98	316589	48.762	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.520%		
62) 4-Bromofluorobenzene	12.483	95	111001	48.460	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	76254	53.110	ug/l	97
3) Chloromethane	2.113	50	76584	43.803	ug/l	95
4) Vinyl Chloride	2.253	62	99746	42.878	ug/l	97
5) Bromomethane	2.650	94	85386	44.788	ug/l	97
6) Chloroethane	2.796	64	67639	44.202	ug/l	98
7) Trichlorofluoromethane	3.131	101	137724	46.802	ug/l	92
8) Diethyl Ether	3.534	74	45181	47.411	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.906	101	87494	47.932	ug/l	92
10) Methyl Iodide	4.095	142	94846	44.672	ug/l	89
11) Tert butyl alcohol	4.954	59	34019	205.185	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	81454	48.201	ug/l #	79
13) Acrolein	3.729	56	36025	266.954	ug/l	95
14) Allyl chloride	4.485	41	103122	46.381	ug/l #	90
15) Acrylonitrile	5.168	53	102277	225.319	ug/l	97
16) Acetone	3.948	43	70234	192.288	ug/l #	84
17) Carbon Disulfide	4.198	76	225199	47.031	ug/l	98
18) Methyl Acetate	4.479	43	41940	42.641	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	223569	46.553	ug/l	95
20) Methylene Chloride	4.723	84	92526	49.768	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	95523	48.818	ug/l #	81
22) Diisopropyl ether	6.119	45	230147	48.113	ug/l #	91
23) Vinyl Acetate	6.064	43	733697	247.540	ug/l #	84
24) 1,1-Dichloroethane	6.021	63	152612	48.191	ug/l	97
25) 2-Butanone	6.990	43	117401	211.216	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	139996	46.680	ug/l	91
27) cis-1,2-Dichloroethene	6.990	96	110828	48.865	ug/l	80
28) Bromochloromethane	7.338	49	40962	48.821	ug/l #	64
29) Tetrahydrofuran	7.344	42	79421	219.780	ug/l #	72
30) Chloroform	7.509	83	167983	48.989	ug/l	99
31) Cyclohexane	7.789	56	128162	42.907	ug/l #	81
32) 1,1,1-Trichloroethane	7.704	97	154596	48.795	ug/l	94
36) 1,1-Dichloropropene	7.917	75	124477	45.984	ug/l	95
37) Ethyl Acetate	7.076	43	54152	42.823	ug/l #	89
38) Carbon Tetrachloride	7.905	117	139086	47.148	ug/l	96
39) Methylcyclohexane	9.185	83	163050	44.625	ug/l #	83
40) Benzene	8.161	78	366787	47.369	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008100.D
 Acq On : 29 Mar 2022 20:19
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 30 04:02:36 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 :Mahesh

Dadoda

03/30/2022

Supervised By :Semsetun

Yesilyurt

03/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	27610m	43.483	ug/l	
42) 1,2-Dichloroethane	8.240	62	100672	46.347	ug/l	89
43) Isopropyl Acetate	8.277	43	106194	42.778	ug/l #	82
44) Trichloroethene	8.941	130	106571	47.595	ug/l	100
45) 1,2-Dichloropropane	9.216	63	85526	46.867	ug/l	94
46) Dibromomethane	9.307	93	56087	46.743	ug/l	96
47) Bromodichloromethane	9.496	83	130081	47.409	ug/l	99
48) Methyl methacrylate	9.295	41	46410	42.210	ug/l #	71
49) 1,4-Dioxane	9.295	88	14180	888.961	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	271697	217.003	ug/l #	82
52) Toluene	10.246	92	243341	47.920	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	131821	46.869	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	149087	46.826	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	78499	47.379	ug/l	95
56) Ethyl methacrylate	10.508	69	98387	45.523	ug/l #	73
57) 1,3-Dichloropropane	10.789	76	127679	47.084	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	183908	205.376	ug/l #	87
59) 2-Hexanone	10.831	43	188094	214.691	ug/l	79
60) Dibromochloromethane	10.984	129	96527	47.903	ug/l	100
61) 1,2-Dibromoethane	11.087	107	77931	47.227	ug/l	98
64) Tetrachloroethene	10.721	164	88523	46.092	ug/l	97
65) Chlorobenzene	11.514	112	270920	48.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	101740	48.919	ug/l	97
67) Ethyl Benzene	11.593	91	466102	47.166	ug/l	97
68) m/p-Xylenes	11.703	106	373309	95.002	ug/l	90
69) o-Xylene	12.032	106	181105	48.136	ug/l	89
70) Styrene	12.044	104	303901	49.342	ug/l	94
71) Bromoform	12.209	173	60263	47.992	ug/l #	98
73) Isopropylbenzene	12.331	105	476383	46.680	ug/l	99
74) N-amyl acetate	12.142	43	95376	42.515	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.581	83	88421	44.576	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	76878m	51.008	ug/l	
77) Bromobenzene	12.611	156	112902	48.223	ug/l	87
78) n-propylbenzene	12.672	91	556906	46.264	ug/l	96
79) 2-Chlorotoluene	12.758	91	307230	46.009	ug/l	93
80) 1,3,5-Trimethylbenzene	12.813	105	391659	46.847	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	28255	41.828	ug/l #	81
82) 4-Chlorotoluene	12.855	91	311397	45.448	ug/l	93
83) tert-Butylbenzene	13.075	119	352156	47.279	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	380699	46.760	ug/l	96
85) sec-Butylbenzene	13.258	105	510481	46.432	ug/l	97
86) p-Isopropyltoluene	13.373	119	429795	46.973	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	222583	47.953	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	220369	47.605	ug/l	98
89) n-Butylbenzene	13.697	91	384483	45.672	ug/l	96
90) Hexachloroethane	13.965	117	83011	46.824	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	196295	48.033	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13668	43.172	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	115631	47.242	ug/l	98
94) Hexachlorobutadiene	15.111	225	61909	47.811	ug/l	99
95) Naphthalene	15.239	128	309193	57.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	102090	48.205	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
Data File : VY008100.D
Acq On : 29 Mar 2022 20:19
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 30 04:02:36 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 :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda
03/30/2022

Supervised By :Semsettin
Yesilyurt
03/30/2022

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

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

