

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017279.D
 Acq On : 07 Feb 2024 10:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 08 01:39:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	102597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	177825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	150034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	67778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	40560	44.253	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.500%		
35) Dibromofluoromethane	7.728	113	43433	45.236	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.480%		
50) Toluene-d8	10.191	98	163404	46.743	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.480%		
62) 4-Bromofluorobenzene	12.495	95	52324	45.691	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33023	42.459	ug/l	98
3) Chloromethane	2.113	50	85474	61.175	ug/l	99
4) Vinyl Chloride	2.259	62	101102	59.379	ug/l	99
5) Bromomethane	2.662	94	73330	62.131	ug/l	96
6) Chloroethane	2.802	64	67252	61.173	ug/l	96
7) Trichlorofluoromethane	3.131	101	91300	52.147	ug/l	97
8) Diethyl Ether	3.540	74	25823	46.889	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	54234	51.100	ug/l	97
10) Methyl Iodide	4.101	142	55323	49.582	ug/l	99
11) Tert butyl alcohol	4.991	59	12188	151.494	ug/l	96
12) 1,1-Dichloroethene	3.881	96	49816	50.092	ug/l	96
13) Acrolein	3.741	56	14329	185.666	ug/l	95
14) Allyl chloride	4.491	41	80405	53.480	ug/l	96
15) Acrylonitrile	5.180	53	53774	216.865	ug/l	100
16) Acetone	3.966	43	54636	202.819	ug/l	100
17) Carbon Disulfide	4.210	76	154701	48.732	ug/l	98
18) Methyl Acetate	4.497	43	28355	47.184	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	113854	47.536	ug/l	97
20) Methylene Chloride	4.729	84	57134	51.919	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	59075	52.217	ug/l	98
22) Diisopropyl ether	6.131	45	178390	54.031	ug/l	98
23) Vinyl Acetate	6.076	43	483381	241.629	ug/l	99
24) 1,1-Dichloroethane	6.033	63	106952	52.880	ug/l	98
25) 2-Butanone	7.003	43	72939	203.676	ug/l	98
26) 2,2-Dichloropropane	6.996	77	92139	54.769	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	66867	52.845	ug/l	98
28) Bromochloromethane	7.350	49	35874	46.323	ug/l	94
29) Tetrahydrofuran	7.362	42	41765	206.455	ug/l	97
30) Chloroform	7.521	83	107959	53.061	ug/l	98
31) Cyclohexane	7.801	56	93361	50.537	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	95421	54.523	ug/l	98
36) 1,1-Dichloropropene	7.929	75	86483	52.218	ug/l	99
37) Ethyl Acetate	7.088	43	31013	40.374	ug/l	99
38) Carbon Tetrachloride	7.917	117	83747	52.813	ug/l	99
39) Methylcyclohexane	9.197	83	102834	53.148	ug/l	99
40) Benzene	8.173	78	246012	52.016	ug/l	100

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Quant Title : SW846 8260

QLast Update : Fri Feb 02 00:56:04 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	16882	46.386	ug/l	95
42) 1,2-Dichloroethane	8.252	62	60954	48.676	ug/l	99
43) Isopropyl Acetate	8.283	43	59015	43.400	ug/l	99
44) Trichloroethene	8.953	130	61494	51.221	ug/l	97
45) 1,2-Dichloropropane	9.228	63	60829	52.361	ug/l	98
46) Dibromomethane	9.319	93	29141	46.438	ug/l	97
47) Bromodichloromethane	9.508	83	80076	50.988	ug/l	94
48) Methyl methacrylate	9.307	41	28694	44.988	ug/l	97
49) 1,4-Dioxane	9.313	88	5292	774.778	ug/l	92
51) 4-Methyl-2-Pentanone	10.081	43	157140	215.581	ug/l	99
52) Toluene	10.258	92	151919	53.215	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	71795	48.669	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	89192	50.479	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	40030	46.885	ug/l	95
56) Ethyl methacrylate	10.520	69	48583	42.756	ug/l	96
57) 1,3-Dichloropropane	10.801	76	70483	47.997	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	130155	244.698	ug/l	98
59) 2-Hexanone	10.843	43	113151	214.675	ug/l	98
60) Dibromochloromethane	10.996	129	47409	47.332	ug/l	100
61) 1,2-Dibromoethane	11.099	107	37017	46.617	ug/l	97
64) Tetrachloroethene	10.734	164	49948	51.260	ug/l	97
65) Chlorobenzene	11.526	112	152371	52.646	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	54849	52.147	ug/l	99
67) Ethyl Benzene	11.605	91	292244	55.870	ug/l	99
68) m/p-Xylenes	11.715	106	221559	111.613	ug/l	99
69) o-Xylene	12.044	106	101161	55.339	ug/l	98
70) Styrene	12.057	104	170176	56.500	ug/l	99
71) Bromoform	12.221	173	25164	45.683	ug/l #	98
73) Isopropylbenzene	12.343	105	276465	55.524	ug/l	100
74) N-amyl acetate	12.154	43	53340	47.676	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	44187	45.120	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	32174m	51.431	ug/l	
77) Bromobenzene	12.623	156	54205	49.079	ug/l	98
78) n-propylbenzene	12.684	91	346845	56.717	ug/l	99
79) 2-Chlorotoluene	12.770	91	185931	55.303	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	222265	56.127	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	13935	46.285	ug/l	97
82) 4-Chlorotoluene	12.867	91	187756	54.261	ug/l	100
83) tert-Butylbenzene	13.087	119	189879	55.937	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	218283	55.844	ug/l	98
85) sec-Butylbenzene	13.264	105	304194	57.337	ug/l	100
86) p-Isopropyltoluene	13.379	119	240891	56.820	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	113779	51.640	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	110319	51.537	ug/l	99
89) n-Butylbenzene	13.709	91	234581	58.196	ug/l	99
90) Hexachloroethane	13.971	117	46929	53.920	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	95616	50.977	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5421	42.496	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	48375	51.923	ug/l	98
94) Hexachlorobutadiene	15.123	225	28457	51.861	ug/l	99
95) Naphthalene	15.251	128	83365	44.930	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	39533	49.892	ug/l	97

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

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