

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017029.D
 Acq On : 18 Jan 2024 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024

Quant Time: Jan 19 02:23:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	149464	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	245659	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	206375	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	89333	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	65190	44.129	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.260%		
35) Dibromofluoromethane	7.759	113	75745	48.386	ug/l	0.03
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.780%		
50) Toluene-d8	10.209	98	254531	47.218	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.440%		
62) 4-Bromofluorobenzene	12.502	95	86585	47.608	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	62687	56.495	ug/l	93
3) Chloromethane	2.138	50	102693	58.489	ug/l	99
4) Vinyl Chloride	2.278	62	118607	57.270	ug/l	99
5) Bromomethane	2.686	94	82818	55.819	ug/l	96
6) Chloroethane	2.826	64	76336	54.489	ug/l	98
7) Trichlorofluoromethane	3.162	101	130201	51.023	ug/l	99
8) Diethyl Ether	3.570	74	40321	49.443	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.942	101	82149	49.511	ug/l	99
10) Methyl Iodide	4.143	142	83825	59.385	ug/l	98
11) Tert butyl alcohol	5.003	59	21273	189.980	ug/l #	91
12) 1,1-Dichloroethene	3.918	96	77001	54.089	ug/l	96
13) Acrolein	3.771	56	27479	167.997	ug/l	96
14) Allyl chloride	4.527	41	117289	52.116	ug/l	98
15) Acrylonitrile	5.210	53	84225	220.803	ug/l	99
16) Acetone	3.985	43	84327	229.649	ug/l	100
17) Carbon Disulfide	4.247	76	241650	71.042	ug/l	100
18) Methyl Acetate	4.521	43	79149	50.010	ug/l	98
19) Methyl tert-butyl Ether	5.271	73	175071	47.270	ug/l	99
20) Methylene Chloride	4.771	84	83264	42.257	ug/l	98
21) trans-1,2-Dichloroethene	5.271	96	90424	55.460	ug/l	98
22) Diisopropyl ether	6.167	45	255567	49.119	ug/l	96
23) Vinyl Acetate	6.106	43	558482	234.096	ug/l	99
24) 1,1-Dichloroethane	6.070	63	153931	49.232	ug/l	99
25) 2-Butanone	7.027	43	113373	223.880	ug/l	99
26) 2,2-Dichloropropane	7.027	77	132978	49.052	ug/l	99
27) cis-1,2-Dichloroethene	7.027	96	99030	51.814	ug/l	99
28) Bromochloromethane	7.374	49	65440	55.750	ug/l	100
29) Tetrahydrofuran	7.387	42	66629	222.848	ug/l	99
30) Chloroform	7.545	83	155781	48.348	ug/l	98
31) Cyclohexane	7.826	56	142321	56.133	ug/l	98
32) 1,1,1-Trichloroethane	7.740	97	136781	50.066	ug/l	100
36) 1,1-Dichloropropene	7.954	75	127684	55.967	ug/l	100
37) Ethyl Acetate	7.112	43	46853	45.192	ug/l	98
38) Carbon Tetrachloride	7.941	117	121489	52.414	ug/l	100
39) Methylcyclohexane	9.216	83	159531	62.202	ug/l	98
40) Benzene	8.197	78	364648	53.282	ug/l	99

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Quant Title : SW846 8260

QLast Update : Tue Jan 02 14:25:32 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	26685	48.872	ug/l	94
42) 1,2-Dichloroethane	8.277	62	90053	49.566	ug/l	100
43) Isopropyl Acetate	8.307	43	89183	44.920	ug/l	99
44) Trichloroethene	8.972	130	93708	53.811	ug/l	97
45) 1,2-Dichloropropane	9.246	63	87063	49.381	ug/l	99
46) Dibromomethane	9.338	93	44334	49.305	ug/l	100
47) Bromodichloromethane	9.527	83	117260	48.563	ug/l	96
48) Methyl methacrylate	9.325	41	52685	49.171	ug/l	99
49) 1,4-Dioxane	9.331	88	8504	913.389	ug/l	99
51) 4-Methyl-2-Pentanone	10.100	43	237653	225.081	ug/l	99
52) Toluene	10.270	92	222275	53.817	ug/l	99
53) t-1,3-Dichloropropene	10.490	75	106407	49.198	ug/l	99
54) cis-1,3-Dichloropropene	9.959	75	132258	50.920	ug/l	99
55) 1,1,2-Trichloroethane	10.673	97	61733	46.994	ug/l	98
56) Ethyl methacrylate	10.532	69	56098	50.418	ug/l	98
57) 1,3-Dichloropropane	10.813	76	105101	47.920	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	151988	219.375	ug/l	100
59) 2-Hexanone	10.856	43	169338	217.810	ug/l	100
60) Dibromochloromethane	11.008	129	73295	48.382	ug/l	98
61) 1,2-Dibromoethane	11.112	107	56153	49.199	ug/l	100
64) Tetrachloroethene	10.746	164	72953	54.525	ug/l	96
65) Chlorobenzene	11.538	112	223058	51.884	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	82935	50.747	ug/l	99
67) Ethyl Benzene	11.618	91	427531	55.237	ug/l	99
68) m/p-Xylenes	11.727	106	319155	112.337	ug/l	99
69) o-Xylene	12.050	106	146218	54.899	ug/l	99
70) Styrene	12.069	104	212471	54.812	ug/l	99
71) Bromoform	12.233	173	38462	47.806	ug/l #	97
73) Isopropylbenzene	12.349	105	398945	54.688	ug/l	99
74) N-amyl acetate	12.166	43	68928	47.028	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.599	83	66853	44.977	ug/l	98
76) 1,2,3-Trichloropropane	12.654	75	51302m	52.920	ug/l	
77) Bromobenzene	12.630	156	81515	50.752	ug/l	97
78) n-propylbenzene	12.691	91	483735	54.545	ug/l	100
79) 2-Chlorotoluene	12.776	91	256190	52.094	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	316722	54.896	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	19921	46.662	ug/l	99
82) 4-Chlorotoluene	12.873	91	261639	52.075	ug/l	99
83) tert-Butylbenzene	13.093	119	279450	54.992	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	308907	54.368	ug/l	97
85) sec-Butylbenzene	13.276	105	407488	54.118	ug/l	99
86) p-Isopropyltoluene	13.392	119	341799	55.003	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	160066	50.815	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	155000	50.310	ug/l	99
89) n-Butylbenzene	13.715	91	332888	55.715	ug/l	99
90) Hexachloroethane	13.983	117	67982	50.910	ug/l	99
91) 1,2-Dichlorobenzene	13.764	146	135566	49.800	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.379	75	7942	42.609	ug/l	96
93) 1,2,4-Trichlorobenzene	15.032	180	71728	53.062	ug/l	99
94) Hexachlorobutadiene	15.135	225	43804	51.728	ug/l	98
95) Naphthalene	15.257	128	127014	51.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	59097	51.488	ug/l	99

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

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