

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017943.D
 Acq On : 16 Apr 2024 12:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 17 06:06:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	439709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	680111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	598620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	287475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	199829	52.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.040%			
35) Dibromofluoromethane	7.722	113	226193	53.908	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.820%			
50) Toluene-d8	10.179	98	879480	55.239	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.480%			
62) 4-Bromofluorobenzene	12.483	95	272119	55.187	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	169397	48.561	ug/l	99
3) Chloromethane	2.113	50	273425	47.305	ug/l	98
4) Vinyl Chloride	2.247	62	327127	50.212	ug/l	98
5) Bromomethane	2.649	94	218260	50.333	ug/l	99
6) Chloroethane	2.790	64	203020	49.360	ug/l	98
7) Trichlorofluoromethane	3.125	101	369401	50.312	ug/l	97
8) Diethyl Ether	3.527	74	116938	50.401	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	230883	50.496	ug/l	99
10) Methyl Iodide	4.088	142	314471	51.697	ug/l	99
11) Tert butyl alcohol	4.954	59	68666	252.432	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	225594	50.825	ug/l	99
13) Acrolein	3.729	56	72525	244.730	ug/l	100
14) Allyl chloride	4.478	41	297198	51.739	ug/l	95
15) Acrylonitrile	5.161	53	240605	255.413	ug/l	99
16) Acetone	3.948	43	195508	260.036	ug/l	93
17) Carbon Disulfide	4.192	76	707554	50.109	ug/l	100
18) Methyl Acetate	4.478	43	93162	47.101	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	504646	52.167	ug/l	98
20) Methylene Chloride	4.716	84	245129	48.124	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	248035	51.011	ug/l	97
22) Diisopropyl ether	6.118	45	661328	52.517	ug/l	99
23) Vinyl Acetate	6.064	43	1987371	266.143	ug/l	98
24) 1,1-Dichloroethane	6.021	63	420707	51.169	ug/l	97
25) 2-Butanone	6.984	43	291286	263.578	ug/l	95
26) 2,2-Dichloropropane	6.978	77	340366	51.599	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	287513	51.773	ug/l	98
28) Bromochloromethane	7.338	49	164827	50.964	ug/l	96
29) Tetrahydrofuran	7.350	42	181577	258.913	ug/l	97
30) Chloroform	7.508	83	423564	50.406	ug/l	99
31) Cyclohexane	7.783	56	365033	50.189	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	359015	51.297	ug/l	99
36) 1,1-Dichloropropene	7.917	75	321151	52.630	ug/l	98
37) Ethyl Acetate	7.076	43	130726	52.071	ug/l	97
38) Carbon Tetrachloride	7.905	117	324686	52.667	ug/l	97
39) Methylcyclohexane	9.185	83	431414	54.253	ug/l	96
40) Benzene	8.161	78	1001338	52.389	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	83274m	52.556	ug/l	
42) 1,2-Dichloroethane	8.240	62	226794	51.785	ug/l	99
43) Isopropyl Acetate	8.270	43	247675	52.924	ug/l	97
44) Trichloroethene	8.941	130	253378	52.167	ug/l	100
45) 1,2-Dichloropropane	9.215	63	230694	52.433	ug/l	100
46) Dibromomethane	9.307	93	126911	52.147	ug/l	99
47) Bromodichloromethane	9.496	83	321567	52.666	ug/l	100
48) Methyl methacrylate	9.295	41	115340	53.786	ug/l	98
49) 1,4-Dioxane	9.301	88	29675	1068.093	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	667359	269.003	ug/l	100
52) Toluene	10.246	92	624021	53.205	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	298216	53.500	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	365329	53.351	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	172586	52.167	ug/l	97
56) Ethyl methacrylate	10.508	69	236992	54.948	ug/l	97
57) 1,3-Dichloropropane	10.788	76	293570	52.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	591398	263.792	ug/l	99
59) 2-Hexanone	10.831	43	466930	275.716	ug/l	99
60) Dibromochloromethane	10.983	129	224573	52.817	ug/l	99
61) 1,2-Dibromoethane	11.087	107	162490	52.701	ug/l	98
64) Tetrachloroethene	10.721	164	227107	52.960	ug/l	97
65) Chlorobenzene	11.514	112	683338	52.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	225523	52.130	ug/l	100
67) Ethyl Benzene	11.593	91	1191238	53.925	ug/l	98
68) m/p-Xylenes	11.703	106	915375	107.887	ug/l	99
69) o-Xylene	12.032	106	429119	54.158	ug/l	99
70) Styrene	12.044	104	738316	55.133	ug/l	99
71) Bromoform	12.209	173	132636	53.065	ug/l #	97
73) Isopropylbenzene	12.331	105	1119369	53.438	ug/l	99
74) N-amyl acetate	12.142	43	225802	53.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	199312	51.017	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	136723m	50.810	ug/l	
77) Bromobenzene	12.611	156	267088	52.688	ug/l	98
78) n-propylbenzene	12.672	91	1370709	53.932	ug/l	99
79) 2-Chlorotoluene	12.757	91	747683	52.559	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	897940	54.061	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	69077	52.796	ug/l	96
82) 4-Chlorotoluene	12.855	91	776414	52.698	ug/l	99
83) tert-Butylbenzene	13.074	119	819319	54.008	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	890193	53.818	ug/l	99
85) sec-Butylbenzene	13.251	105	1225418	53.779	ug/l	99
86) p-Isopropyltoluene	13.367	119	1015460	54.234	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	523766	52.076	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	509538	51.607	ug/l	99
89) n-Butylbenzene	13.696	91	958186	54.397	ug/l	99
90) Hexachloroethane	13.958	117	198907	51.807	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	455295	52.470	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25703	51.149	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	264017	52.248	ug/l	99
94) Hexachlorobutadiene	15.111	225	155798	51.973	ug/l	99
95) Naphthalene	15.233	128	449310	53.959	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	223281	52.660	ug/l	99

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

