

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017626.D
 Acq On : 08 Mar 2024 17:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2024
 Supervised By :Mahesh Dadoda 03/11/2024

Quant Time: Mar 08 22:26:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	89011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	144807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	132895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50025	59.301	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.600%			
35) Dibromofluoromethane	7.716	113	52504	52.033	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.060%			
50) Toluene-d8	10.179	98	195666	55.460	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.920%			
62) 4-Bromofluorobenzene	12.483	95	62464	56.336	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38604	58.794	ug/l	100
3) Chloromethane	2.107	50	95587	79.676	ug/l	97
4) Vinyl Chloride	2.247	62	140153	91.063	ug/l	100
5) Bromomethane	2.644	94	119485	95.266	ug/l	98
6) Chloroethane	2.790	64	96572	99.465	ug/l	99
7) Trichlorofluoromethane	3.113	101	104592	66.678	ug/l	99
8) Diethyl Ether	3.521	74	30596	66.503	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	54703	60.629	ug/l	97
10) Methyl Iodide	4.088	142	61546	60.782	ug/l	98
11) Tert butyl alcohol	4.954	59	20611	287.633	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	53114	63.167	ug/l	98
13) Acrolein	3.723	56	18572	196.426	ug/l	99
14) Allyl chloride	4.473	41	71731	70.601	ug/l	96
15) Acrylonitrile	5.155	53	64062	338.725	ug/l	98
16) Acetone	3.942	43	57019	348.482	ug/l	90
17) Carbon Disulfide	4.192	76	161549	64.008	ug/l	97
18) Methyl Acetate	4.473	43	29754	74.955	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	140618	71.749	ug/l	99
20) Methylene Chloride	4.710	84	72784	78.877	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	65275	66.301	ug/l	96
22) Diisopropyl ether	6.119	45	175870	75.014	ug/l	99
23) Vinyl Acetate	6.058	43	526721	377.018	ug/l	99
24) 1,1-Dichloroethane	6.009	63	110710	69.119	ug/l	98
25) 2-Butanone	6.984	43	85579	367.007	ug/l	95
26) 2,2-Dichloropropane	6.978	77	93427	69.376	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	75748	68.525	ug/l	97
28) Bromochloromethane	7.332	49	44369	70.336	ug/l	94
29) Tetrahydrofuran	7.344	42	51332	365.188	ug/l	98
30) Chloroform	7.509	83	118769	69.647	ug/l	97
31) Cyclohexane	7.783	56	89142	64.932	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	99609	67.280	ug/l	97
36) 1,1-Dichloropropene	7.917	75	89885	66.022	ug/l	97
37) Ethyl Acetate	7.070	43	36638	68.136	ug/l	99
38) Carbon Tetrachloride	7.899	117	89191	65.367	ug/l	99
39) Methylcyclohexane	9.185	83	106164	64.886	ug/l	97
40) Benzene	8.161	78	267948	66.273	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	22334m	82.769	ug/l	
42) 1,2-Dichloroethane	8.234	62	69405	70.357	ug/l	99
43) Isopropyl Acetate	8.271	43	69527	73.580	ug/l	96
44) Trichloroethene	8.941	130	71069	60.985	ug/l	98
45) 1,2-Dichloropropane	9.216	63	64766	67.330	ug/l	98
46) Dibromomethane	9.307	93	36436	66.186	ug/l	98
47) Bromodichloromethane	9.496	83	90559	67.749	ug/l	98
48) Methyl methacrylate	9.295	41	30944	70.749	ug/l	95
49) 1,4-Dioxane	9.295	88	8308	1333.506	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	188904	358.704	ug/l	98
52) Toluene	10.246	92	170811	67.015	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	85015	68.523	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	101157	67.101	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	50492	64.599	ug/l	96
56) Ethyl methacrylate	10.508	69	61558	63.307	ug/l	94
57) 1,3-Dichloropropane	10.788	76	85538	67.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	163806	363.179	ug/l	100
59) 2-Hexanone	10.831	43	133655	369.488	ug/l	98
60) Dibromochloromethane	10.984	129	60739	65.688	ug/l	98
61) 1,2-Dibromoethane	11.087	107	46640	64.751	ug/l	99
64) Tetrachloroethene	10.721	164	71906	56.372	ug/l	96
65) Chlorobenzene	11.514	112	174482	61.856	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	66530	62.957	ug/l	99
67) Ethyl Benzene	11.593	91	327915	66.286	ug/l	99
68) m/p-Xylenes	11.703	106	253720	130.524	ug/l	99
69) o-Xylene	12.032	106	119882	66.476	ug/l	99
70) Styrene	12.044	104	199656	66.697	ug/l	100
71) Bromoform	12.209	173	36425	62.201	ug/l #	97
73) Isopropylbenzene	12.331	105	309824	62.604	ug/l	99
74) N-amyl acetate	12.142	43	62713	71.847	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	54595	64.241	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	41743m	65.952	ug/l	
77) Bromobenzene	12.611	156	69833	58.267	ug/l	98
78) n-propylbenzene	12.672	91	379404	63.891	ug/l	100
79) 2-Chlorotoluene	12.758	91	203613	61.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	250162	63.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	17585	63.840	ug/l	98
82) 4-Chlorotoluene	12.855	91	208571	61.334	ug/l	98
83) tert-Butylbenzene	13.075	119	220475	63.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	251775	64.321	ug/l	99
85) sec-Butylbenzene	13.251	105	340979	64.056	ug/l	99
86) p-Isopropyltoluene	13.373	119	278865	63.996	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	143763	59.761	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	139076	59.466	ug/l	99
89) n-Butylbenzene	13.696	91	263434	66.261	ug/l	98
90) Hexachloroethane	13.959	117	52624	60.237	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	123434	60.661	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7422	62.122	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	67721	63.008	ug/l	98
94) Hexachlorobutadiene	15.111	225	38549	58.092	ug/l	98
95) Naphthalene	15.239	128	128532	60.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	57042	61.865	ug/l	100

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

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