

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017470.D
 Acq On : 23 Feb 2024 17:33
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

Quant Time: Feb 24 04:49:43 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	7.795	168	166415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	227067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	78045	49.484	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.960%		
35) Dibromofluoromethane	7.716	113	89051	49.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.000%		
50) Toluene-d8	10.185	98	328613	52.246	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.500%		
62) 4-Bromofluorobenzene	12.483	95	105493	53.368	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	59896	48.792	ug/l	99
3) Chloromethane	2.107	50	109883	48.991	ug/l	99
4) Vinyl Chloride	2.247	62	143179	49.759	ug/l	98
5) Bromomethane	2.643	94	113132	48.246	ug/l	96
6) Chloroethane	2.790	64	92662	51.047	ug/l	98
7) Trichlorofluoromethane	3.119	101	146872	50.081	ug/l	95
8) Diethyl Ether	3.527	74	45519	52.920	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	85759	50.839	ug/l	100
10) Methyl Iodide	4.088	142	103564	54.706	ug/l	99
11) Tert butyl alcohol	4.954	59	30769	229.670	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	80155	50.987	ug/l	97
13) Acrolein	3.722	56	44580	252.193	ug/l	99
14) Allyl chloride	4.478	41	100242	52.772	ug/l	97
15) Acrylonitrile	5.161	53	95207	269.257	ug/l	99
16) Acetone	3.942	43	79772	260.773	ug/l	97
17) Carbon Disulfide	4.192	76	241823	51.249	ug/l	98
18) Methyl Acetate	4.478	43	41141	55.435	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	199866	54.546	ug/l	98
20) Methylene Chloride	4.710	84	96200	53.959	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	95865	52.082	ug/l	98
22) Diisopropyl ether	6.124	45	237864	54.266	ug/l	98
23) Vinyl Acetate	6.057	43	718397	275.041	ug/l	100
24) 1,1-Dichloroethane	6.015	63	155058	51.779	ug/l	99
25) 2-Butanone	6.984	43	118708	272.294	ug/l	97
26) 2,2-Dichloropropane	6.978	77	127836	50.774	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	109173	52.826	ug/l	98
28) Bromochloromethane	7.338	49	51101	43.329	ug/l	99
29) Tetrahydrofuran	7.350	42	73282	278.854	ug/l	99
30) Chloroform	7.508	83	164862	51.709	ug/l	98
31) Cyclohexane	7.789	56	129168	50.325	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	142154	51.356	ug/l	99
36) 1,1-Dichloropropene	7.917	75	127176	52.397	ug/l	100
37) Ethyl Acetate	7.076	43	51165	53.373	ug/l	97
38) Carbon Tetrachloride	7.905	117	128485	52.819	ug/l	99
39) Methylcyclohexane	9.185	83	157804	54.100	ug/l	98
40) Benzene	8.161	78	379558	52.658	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	27372m	56.900	ug/l	
42) 1,2-Dichloroethane	8.240	62	93638	53.244	ug/l	98
43) Isopropyl Acetate	8.277	43	92965	55.186	ug/l	99
44) Trichloroethene	8.941	130	107932	51.951	ug/l	95
45) 1,2-Dichloropropane	9.221	63	90279	52.644	ug/l	99
46) Dibromomethane	9.307	93	52006	52.990	ug/l	97
47) Bromodichloromethane	9.502	83	127328	53.432	ug/l	98
48) Methyl methacrylate	9.295	41	43720	56.069	ug/l	96
49) 1,4-Dioxane	9.301	88	12242	1102.186	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	259932	276.859	ug/l	98
52) Toluene	10.246	92	241403	53.126	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	121301	54.842	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	143985	53.574	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	73560	52.790	ug/l	97
56) Ethyl methacrylate	10.514	69	90747	52.788	ug/l	98
57) 1,3-Dichloropropane	10.794	76	121766	53.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	188260	234.128	ug/l	98
59) 2-Hexanone	10.837	43	185220	287.215	ug/l	98
60) Dibromochloromethane	10.989	129	89529	54.311	ug/l	99
61) 1,2-Dibromoethane	11.093	107	69247	53.926	ug/l	99
64) Tetrachloroethene	10.721	164	113316	51.993	ug/l	99
65) Chlorobenzene	11.520	112	255405	52.992	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	96307	53.338	ug/l	99
67) Ethyl Benzene	11.599	91	461548	54.605	ug/l	96
68) m/p-Xylenes	11.709	106	363602	109.475	ug/l	100
69) o-Xylene	12.032	106	171780	55.749	ug/l	98
70) Styrene	12.050	104	288539	56.414	ug/l	98
71) Bromoform	12.215	173	54721	54.690	ug/l #	99
73) Isopropylbenzene	12.331	105	445103	53.118	ug/l	99
74) N-amyl acetate	12.148	43	82380	55.741	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	76645	53.265	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	55377m	51.674	ug/l	
77) Bromobenzene	12.611	156	105245	51.864	ug/l	98
78) n-propylbenzene	12.672	91	537122	53.421	ug/l	100
79) 2-Chlorotoluene	12.757	91	293915	52.212	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	361237	53.809	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	24997	53.596	ug/l	97
82) 4-Chlorotoluene	12.855	91	299686	52.049	ug/l	98
83) tert-Butylbenzene	13.081	119	316677	53.719	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	355062	53.572	ug/l	100
85) sec-Butylbenzene	13.257	105	484870	53.797	ug/l	100
86) p-Isopropyltoluene	13.373	119	400910	54.338	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	212500	52.171	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	207582	52.421	ug/l	99
89) n-Butylbenzene	13.702	91	369780	54.933	ug/l	99
90) Hexachloroethane	13.965	117	76684	51.843	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	183655	53.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10487	51.841	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	100507	55.229	ug/l	99
94) Hexachlorobutadiene	15.117	225	57965	51.590	ug/l	98
95) Naphthalene	15.239	128	179982	50.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	86338	55.303	ug/l	99

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

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