

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019375.D
 Acq On : 29 Aug 2024 16:45
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/30/2024
 Supervised By :Semsettin Yesilyurt 08/30/2024

Quant Time: Aug 30 02:25:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:25:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	156166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	236752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	203710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	93351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	191208	129.267	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 258.540%#			
35) Dibromofluoromethane	7.628	113	206506	137.962	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 275.920%#			
50) Toluene-d8	10.103	98	811209	147.222	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 294.440%#			
62) 4-Bromofluorobenzene	12.401	95	256551	143.953	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 287.900%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	155310	122.052	ug/l	100
3) Chloromethane	2.062	50	251422	121.449	ug/l	96
4) Vinyl Chloride	2.196	62	298044	125.479	ug/l	99
5) Bromomethane	2.580	94	211983	146.917	ug/l	96
6) Chloroethane	2.726	64	175117	121.052	ug/l	98
7) Trichlorofluoromethane	3.043	101	338868	120.524	ug/l	96
8) Diethyl Ether	3.446	74	77751	117.086	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.805	101	213970	134.054	ug/l	97
10) Methyl Iodide	3.994	142	226455	145.549	ug/l	93
11) Tert butyl alcohol	4.854	59	50308	603.462	ug/l #	97
12) 1,1-Dichloroethene	3.775	96	198742	136.529	ug/l	89
13) Acrolein	3.647	56	48812	502.074	ug/l	98
14) Allyl chloride	4.372	41	291447	145.016	ug/l	91
15) Acrylonitrile	5.043	53	173729	640.400	ug/l	98
16) Acetone	3.860	43	164159	564.245	ug/l #	85
17) Carbon Disulfide	4.092	76	578119	137.568	ug/l	98
18) Methyl Acetate	4.379	43	82907	129.082	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	470739	141.844	ug/l	98
20) Methylene Chloride	4.598	84	205286	145.808	ug/l	92
21) trans-1,2-Dichloroethene	5.098	96	239094	144.209	ug/l	95
22) Diisopropyl ether	6.006	45	663984	146.850	ug/l	96
23) Vinyl Acetate	5.945	43	1773100	704.560	ug/l	96
24) 1,1-Dichloroethane	5.903	63	381945	139.781	ug/l	98
25) 2-Butanone	6.884	43	258541	664.365	ug/l	91
26) 2,2-Dichloropropane	6.872	77	349740	146.949	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	275466	145.105	ug/l	97
28) Bromochloromethane	7.238	49	150467	134.029	ug/l	95
29) Tetrahydrofuran	7.250	42	158821	679.236	ug/l	90
30) Chloroform	7.408	83	425748	139.186	ug/l	100
31) Cyclohexane	7.689	56	352438	140.111	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	411179	144.847	ug/l	98
36) 1,1-Dichloropropene	7.829	75	320778	151.647	ug/l	99
37) Ethyl Acetate	6.976	43	111151	132.749	ug/l	96
38) Carbon Tetrachloride	7.811	117	388604	150.732	ug/l	99
39) Methylcyclohexane	9.103	83	435415	160.519	ug/l	97
40) Benzene	8.073	78	958703	148.925	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	64303	121.679	ug/l	87
42) 1,2-Dichloroethane	8.152	62	226496	132.579	ug/l	97
43) Isopropyl Acetate	8.189	43	234250	143.356	ug/l #	81
44) Trichloroethene	8.859	130	254808	144.117	ug/l	99
45) 1,2-Dichloropropane	9.134	63	201790	144.631	ug/l	98
46) Dibromomethane	9.225	93	113989	135.820	ug/l	100
47) Bromodichloromethane	9.420	83	318478	143.686	ug/l	99
48) Methyl methacrylate	9.219	41	112100	145.104	ug/l	88
49) 1,4-Dioxane	9.225	88	23175	2520.442	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	606796	709.153	ug/l	93
52) Toluene	10.170	92	643855	152.562	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	275489	150.483	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	325050	149.951	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	151049	141.092	ug/l	97
56) Ethyl methacrylate	10.438	69	212795	153.005	ug/l #	86
57) 1,3-Dichloropropane	10.713	76	252630	144.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	459877	737.570	ug/l	96
59) 2-Hexanone	10.755	43	418918	738.284	ug/l	92
60) Dibromochloromethane	10.908	129	214844	147.195	ug/l	99
61) 1,2-Dibromoethane	11.012	107	142171	144.147	ug/l	99
64) Tetrachloroethene	10.646	164	271288	136.350	ug/l	99
65) Chlorobenzene	11.438	112	673296	147.730	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	234310	148.263	ug/l	97
67) Ethyl Benzene	11.518	91	1232717	154.706	ug/l	97
68) m/p-Xylenes	11.627	106	954496	302.755	ug/l	100
69) o-Xylene	11.950	106	445111	151.576	ug/l	100
70) Styrene	11.969	104	738716	153.736	ug/l	98
71) Bromoform	12.127	173	118868	141.505	ug/l #	97
73) Isopropylbenzene	12.255	105	1176400	158.043	ug/l	99
74) N-amyl acetate	12.066	43	226251	158.072	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	157465	142.339	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	105837m	128.712	ug/l	
77) Bromobenzene	12.530	156	255947	145.940	ug/l	96
78) n-propylbenzene	12.597	91	1367897	152.095	ug/l	99
79) 2-Chlorotoluene	12.676	91	749698	149.623	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	917659	156.469	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	49920	150.652	ug/l	91
82) 4-Chlorotoluene	12.773	91	761187	150.173	ug/l	99
83) tert-Butylbenzene	12.999	119	863067	160.902	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	896244	159.174	ug/l	100
85) sec-Butylbenzene	13.176	105	1231003	156.592	ug/l	98
86) p-Isopropyltoluene	13.292	119	1023148	159.777	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	497635	154.244	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	474521	147.407	ug/l	99
89) n-Butylbenzene	13.615	91	924065	157.055	ug/l	99
90) Hexachloroethane	13.877	117	201404	155.150	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	415734	145.996	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	22902	147.986	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	182514	124.745	ug/l	98
94) Hexachlorobutadiene	15.023	225	101216	115.177	ug/l	99
95) Naphthalene	15.145	128	318148	132.801	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	156758	125.224	ug/l	99

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

