

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018168.D
 Acq On : 07 May 2024 11:25
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin Yesilyurt 05/08/2024

Quant Time: May 08 01:16:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 00:59:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	242797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	396820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	341416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	287500	160.958	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 321.920%#			
35) Dibromofluoromethane	7.710	113	329967	158.222	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 316.440%#			
50) Toluene-d8	10.179	98	1269148	154.434	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 308.860%#			
62) 4-Bromofluorobenzene	12.483	95	403186	151.919	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 303.840%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	257757	133.866	ug/l	98
3) Chloromethane	2.107	50	383694	148.863	ug/l	96
4) Vinyl Chloride	2.247	62	456280	146.033	ug/l	97
5) Bromomethane	2.631	94	328314	151.302	ug/l	98
6) Chloroethane	2.784	64	293170	147.845	ug/l	100
7) Trichlorofluoromethane	3.113	101	536663	146.637	ug/l	94
8) Diethyl Ether	3.521	74	181890	150.971	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	331400	142.082	ug/l	97
10) Methyl Iodide	4.082	142	432271	158.707	ug/l	98
11) Tert butyl alcohol	4.948	59	117853	775.591	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	345488	147.138	ug/l	96
13) Acrolein	3.717	56	132261	767.129	ug/l	98
14) Allyl chloride	4.466	41	452005	151.318	ug/l	99
15) Acrylonitrile	5.149	53	355808	767.953	ug/l	99
16) Acetone	3.936	43	280384	786.600	ug/l	95
17) Carbon Disulfide	4.186	76	989024	154.721	ug/l	97
18) Methyl Acetate	4.460	43	150289	148.013	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	792740	151.562	ug/l	99
20) Methylene Chloride	4.704	84	347092	137.765	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	370582	148.888	ug/l	98
22) Diisopropyl ether	6.112	45	947704	149.560	ug/l	97
23) Vinyl Acetate	6.051	43	3024571	785.324	ug/l	98
24) 1,1-Dichloroethane	6.003	63	578620	148.257	ug/l	99
25) 2-Butanone	6.978	43	447763	785.847	ug/l	96
26) 2,2-Dichloropropane	6.978	77	514030	145.521	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	436916	148.538	ug/l	97
28) Bromochloromethane	7.326	49	247732	158.810	ug/l	95
29) Tetrahydrofuran	7.338	42	287318	763.922	ug/l	95
30) Chloroform	7.502	83	598234	146.828	ug/l	98
31) Cyclohexane	7.777	56	499269	147.906	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	538511	147.462	ug/l	98
36) 1,1-Dichloropropene	7.911	75	435509	145.671	ug/l	98
37) Ethyl Acetate	7.064	43	199756	158.748	ug/l	97
38) Carbon Tetrachloride	7.899	117	485112	148.501	ug/l	100
39) Methylcyclohexane	9.179	83	618510	143.404	ug/l	98
40) Benzene	8.155	78	1422492	147.920	ug/l	98

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41) Methacrylonitrile	7.301	41	107931	148.537	ug/l	96
42) 1,2-Dichloroethane	8.234	62	322419	154.092	ug/l	98
43) Isopropyl Acetate	8.265	43	409174	158.642	ug/l	94
44) Trichloroethene	8.935	130	383192	146.375	ug/l	96
45) 1,2-Dichloropropane	9.216	63	310234	147.560	ug/l	100
46) Dibromomethane	9.301	93	185500	153.478	ug/l	97
47) Bromodichloromethane	9.496	83	452654	151.491	ug/l	96
48) Methyl methacrylate	9.289	41	189159	160.020	ug/l	91
49) 1,4-Dioxane	9.295	88	45265	2821.415	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	1038657	801.223	ug/l	95
52) Toluene	10.240	92	909652	146.932	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	434224	155.582	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	521103	152.743	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	249533	150.288	ug/l	97
56) Ethyl methacrylate	10.508	69	352477	156.311	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	404908	149.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	853234	792.405	ug/l	96
59) 2-Hexanone	10.831	43	726673	801.705	ug/l	94
60) Dibromochloromethane	10.984	129	330541	153.442	ug/l	100
61) 1,2-Dibromoethane	11.087	107	236301	151.099	ug/l	99
64) Tetrachloroethene	10.721	164	331528	145.844	ug/l	100
65) Chlorobenzene	11.514	112	1016475	146.181	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	335475	149.151	ug/l	99
67) Ethyl Benzene	11.593	91	1708212	145.496	ug/l	96
68) m/p-Xylenes	11.703	106	1363536	293.685	ug/l	97
69) o-Xylene	12.026	106	649745	145.827	ug/l	97
70) Styrene	12.044	104	1102017	148.105	ug/l	99
71) Bromoform	12.209	173	194104	155.970	ug/l #	97
73) Isopropylbenzene	12.331	105	1631119	143.726	ug/l	98
74) N-amyl acetate	12.142	43	378624	160.715	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	269888	149.078	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	181434m	149.749	ug/l	
77) Bromobenzene	12.611	156	386270	148.157	ug/l	96
78) n-propylbenzene	12.672	91	1871902	141.808	ug/l	97
79) 2-Chlorotoluene	12.758	91	1059433	144.429	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	1278453	142.862	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	100486	159.793	ug/l	98
82) 4-Chlorotoluene	12.855	91	1074229	145.793	ug/l	97
83) tert-Butylbenzene	13.075	119	1179821	142.934	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1277663	145.751	ug/l	100
85) sec-Butylbenzene	13.251	105	1692399	139.779	ug/l	98
86) p-Isopropyltoluene	13.367	119	1407717	141.331	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	723704	143.735	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	709261	144.498	ug/l	100
89) n-Butylbenzene	13.696	91	1261524	139.947	ug/l	98
90) Hexachloroethane	13.959	117	283977	145.325	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	632191	146.081	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	37132	150.631	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	380562	156.421	ug/l	99
94) Hexachlorobutadiene	15.111	225	191484	142.647	ug/l	98
95) Naphthalene	15.233	128	756262	169.636	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	325865	163.209	ug/l	99

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

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