

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018861.D
 Acq On : 18 Jul 2024 12:42
 Operator : SY/MD
 Sample : VY0718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Quant Time: Jul 19 01:37:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/19/2024
 Supervised By :Mahesh Dadoda 07/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	95151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	149262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	131953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49454	52.818	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.640%			
35) Dibromofluoromethane	7.710	113	49650	53.110	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.220%			
50) Toluene-d8	10.179	98	178028	50.265	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.520%			
62) 4-Bromofluorobenzene	12.477	95	60800	50.267	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14205	17.816	ug/l	95
3) Chloromethane	2.107	50	20511	16.929	ug/l	95
4) Vinyl Chloride	2.241	62	27440	19.360	ug/l	100
5) Bromomethane	2.637	94	21627	22.183	ug/l	97
6) Chloroethane	2.778	64	18160	19.722	ug/l	90
7) Trichlorofluoromethane	3.107	101	35983	19.429	ug/l	99
8) Diethyl Ether	3.521	74	9355	20.724	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.875	101	18919	19.910	ug/l	93
10) Methyl Iodide	4.076	142	17588	17.188	ug/l	91
11) Tert butyl alcohol	4.936	59	9442	99.548	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	17777	19.338	ug/l	97
13) Acrolein	3.723	56	6057	79.707	ug/l	92
14) Allyl chloride	4.460	41	22593	19.838	ug/l	89
15) Acrylonitrile	5.149	53	19346	108.637	ug/l	99
16) Acetone	3.936	43	18239	105.660	ug/l #	87
17) Carbon Disulfide	4.180	76	43359	16.844	ug/l	99
18) Methyl Acetate	4.466	43	11850	23.626	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	44812	21.014	ug/l	96
20) Methylene Chloride	4.698	84	32479	31.375	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	19045	19.629	ug/l	94
22) Diisopropyl ether	6.106	45	51793	20.907	ug/l	98
23) Vinyl Acetate	6.051	43	199243	102.087	ug/l	96
24) 1,1-Dichloroethane	5.997	63	32211	20.365	ug/l	99
25) 2-Butanone	6.972	43	26738	110.504	ug/l	99
26) 2,2-Dichloropropane	6.972	77	29655	20.207	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	23267	20.598	ug/l	97
28) Bromochloromethane	7.320	49	15188	23.908	ug/l	97
29) Tetrahydrofuran	7.338	42	15941	107.463	ug/l	93
30) Chloroform	7.496	83	37066	21.027	ug/l	96
31) Cyclohexane	7.771	56	27196	18.906	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	33937	20.703	ug/l	98
36) 1,1-Dichloropropene	7.911	75	25047	19.414	ug/l	97
37) Ethyl Acetate	7.057	43	10993	20.499	ug/l #	97
38) Carbon Tetrachloride	7.893	117	30350	19.532	ug/l	98
39) Methylcyclohexane	9.179	83	30933	18.710	ug/l	97
40) Benzene	8.149	78	76810	20.523	ug/l	98

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41) Methacrylonitrile	7.301	41	7436m	24.322	ug/l	
42) 1,2-Dichloroethane	8.222	62	22529	21.500	ug/l	96
43) Isopropyl Acetate	8.271	43	21973	20.592	ug/l #	82
44) Trichloroethene	8.935	130	22535	21.065	ug/l	82
45) 1,2-Dichloropropane	9.209	63	17308	21.237	ug/l	97
46) Dibromomethane	9.301	93	11317	21.423	ug/l	99
47) Bromodichloromethane	9.490	83	27220	20.626	ug/l	90
48) Methyl methacrylate	9.289	41	10322	21.282	ug/l	88
49) 1,4-Dioxane	9.295	88	2609	421.321	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	57786	106.069	ug/l	95
52) Toluene	10.240	92	49674	19.969	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	23522	20.644	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	27261	20.394	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	14231	21.274	ug/l	92
56) Ethyl methacrylate	10.508	69	17730	20.132	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	24037	21.676	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	45991	109.304	ug/l	93
59) 2-Hexanone	10.825	43	40758	106.938	ug/l	90
60) Dibromochloromethane	10.977	129	20036	21.799	ug/l	98
61) 1,2-Dibromoethane	11.087	107	13792	21.207	ug/l	99
64) Tetrachloroethene	10.715	164	22620	21.179	ug/l	96
65) Chlorobenzene	11.514	112	56880	20.434	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	19717	20.559	ug/l	97
67) Ethyl Benzene	11.593	91	97310	19.956	ug/l	99
68) m/p-Xylenes	11.697	106	76832	40.151	ug/l	100
69) o-Xylene	12.026	106	36543	20.313	ug/l	99
70) Styrene	12.044	104	61326	20.430	ug/l	97
71) Bromoform	12.203	173	11006	21.054	ug/l #	95
73) Isopropylbenzene	12.331	105	95286	19.761	ug/l	98
74) N-amyl acetate	12.142	43	18456	18.716	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	15280	20.101	ug/l	91
76) 1,2,3-Trichloropropane	12.630	75	11208m	21.720	ug/l	
77) Bromobenzene	12.605	156	23150	20.111	ug/l	92
78) n-propylbenzene	12.672	91	111683	19.504	ug/l	95
79) 2-Chlorotoluene	12.752	91	62099	19.287	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	76795	19.465	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	4842	21.000	ug/l #	80
82) 4-Chlorotoluene	12.855	91	64573	19.476	ug/l	98
83) tert-Butylbenzene	13.075	119	72680	19.953	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	75706	19.310	ug/l	97
85) sec-Butylbenzene	13.251	105	101277	19.589	ug/l	96
86) p-Isopropyltoluene	13.367	119	86334	19.343	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	44881	19.851	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	44410	19.819	ug/l	97
89) n-Butylbenzene	13.696	91	77677	19.196	ug/l	98
90) Hexachloroethane	13.965	117	16183	19.496	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	39703	20.329	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2488	20.199	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	22725	19.062	ug/l	98
94) Hexachlorobutadiene	15.111	225	13813	20.101	ug/l	97
95) Naphthalene	15.239	128	38977	19.058	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	19121	18.745	ug/l	99

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

