

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018862.D
 Acq On : 18 Jul 2024 13:05
 Operator : SY/MD
 Sample : VY0718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 01:38:44 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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	100813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	159173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	141191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	50397	50.802	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.600%			
35) Dibromofluoromethane	7.710	113	50873	51.029	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.060%			
50) Toluene-d8	10.173	98	186087	49.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.477	95	63723	49.403	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14613	17.299	ug/l	98
3) Chloromethane	2.107	50	21130	16.460	ug/l #	85
4) Vinyl Chloride	2.241	62	26400	17.581	ug/l	100
5) Bromomethane	2.631	94	19753	19.123	ug/l	98
6) Chloroethane	2.784	64	17629	18.070	ug/l	96
7) Trichlorofluoromethane	3.107	101	35880	18.285	ug/l	94
8) Diethyl Ether	3.515	74	9368	19.587	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.875	101	18630	18.504	ug/l	93
10) Methyl Iodide	4.076	142	19168	17.680	ug/l	95
11) Tert butyl alcohol	4.954	59	9235	91.897	ug/l #	88
12) 1,1-Dichloroethene	3.857	96	17000	17.454	ug/l	91
13) Acrolein	3.717	56	5828	72.386	ug/l	95
14) Allyl chloride	4.460	41	21405	17.739	ug/l	89
15) Acrylonitrile	5.143	53	18109	95.979	ug/l	96
16) Acetone	3.936	43	16493	90.179	ug/l	88
17) Carbon Disulfide	4.180	76	44107	16.173	ug/l	96
18) Methyl Acetate	4.460	43	11402	21.456	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	43821	19.395	ug/l	93
20) Methylene Chloride	4.704	84	30794	27.497	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	18769	18.258	ug/l	94
22) Diisopropyl ether	6.100	45	50468	19.228	ug/l #	89
23) Vinyl Acetate	6.045	43	191989	92.845	ug/l	97
24) 1,1-Dichloroethane	6.009	63	31000	18.498	ug/l	99
25) 2-Butanone	6.972	43	24731	96.469	ug/l	94
26) 2,2-Dichloropropane	6.966	77	28121	18.085	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	22176	18.529	ug/l	96
28) Bromochloromethane	7.326	49	14286	21.225	ug/l	100
29) Tetrahydrofuran	7.338	42	16157	102.802	ug/l	91
30) Chloroform	7.496	83	36348	19.461	ug/l	96
31) Cyclohexane	7.777	56	26026	17.077	ug/l #	86
32) 1,1,1-Trichloroethane	7.691	97	33902	19.520	ug/l	98
36) 1,1-Dichloropropene	7.911	75	24326	17.681	ug/l	98
37) Ethyl Acetate	7.064	43	11778	20.596	ug/l	97
38) Carbon Tetrachloride	7.893	117	29478	17.789	ug/l	99
39) Methylcyclohexane	9.179	83	31849	18.064	ug/l	97
40) Benzene	8.155	78	73433	18.399	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	7181m	22.025	ug/l	
42) 1,2-Dichloroethane	8.228	62	21370	19.124	ug/l	96
43) Isopropyl Acetate	8.271	43	21536	18.926	ug/l #	81
44) Trichloroethene	8.935	130	21701	19.022	ug/l	95
45) 1,2-Dichloropropane	9.210	63	15799	18.179	ug/l	100
46) Dibromomethane	9.301	93	10965	19.464	ug/l	98
47) Bromodichloromethane	9.490	83	26953	19.152	ug/l	98
48) Methyl methacrylate	9.295	41	9472	18.313	ug/l #	85
49) 1,4-Dioxane	9.301	88	2447	370.555	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	56476	97.210	ug/l	93
52) Toluene	10.240	92	49643	18.714	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	22666	18.654	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	27080	18.997	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	14290	20.032	ug/l	96
56) Ethyl methacrylate	10.508	69	17455	18.585	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	23256	19.666	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	39079	87.094	ug/l	93
59) 2-Hexanone	10.825	43	38697	95.209	ug/l	90
60) Dibromochloromethane	10.984	129	19014	19.399	ug/l	100
61) 1,2-Dibromoethane	11.087	107	13449	19.392	ug/l	98
64) Tetrachloroethene	10.715	164	22005	19.255	ug/l	98
65) Chlorobenzene	11.514	112	55089	18.496	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	19407	18.912	ug/l	97
67) Ethyl Benzene	11.593	91	94675	18.145	ug/l	98
68) m/p-Xylenes	11.703	106	74937	36.599	ug/l	99
69) o-Xylene	12.026	106	35037	18.201	ug/l	96
70) Styrene	12.044	104	60904	18.962	ug/l	97
71) Bromoform	12.203	173	10580	18.915	ug/l #	98
73) Isopropylbenzene	12.325	105	94512	18.368	ug/l	98
74) N-amyl acetate	12.142	43	18527	17.606	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	15406	18.993	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	11568m	21.008	ug/l	
77) Bromobenzene	12.605	156	22557	18.363	ug/l	93
78) n-propylbenzene	12.666	91	109106	17.856	ug/l	97
79) 2-Chlorotoluene	12.758	91	61591	17.926	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	75036	17.823	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4639	18.855	ug/l	86
82) 4-Chlorotoluene	12.855	91	63993	18.088	ug/l	97
83) tert-Butylbenzene	13.075	119	69782	17.953	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	76648	18.321	ug/l	99
85) sec-Butylbenzene	13.251	105	101082	18.322	ug/l	95
86) p-Isopropyltoluene	13.367	119	87069	18.281	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	44781	18.561	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	43914	18.365	ug/l	96
89) n-Butylbenzene	13.696	91	78511	18.182	ug/l	98
90) Hexachloroethane	13.959	117	15643	17.660	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	39318	18.866	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2427	18.465	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	23485	18.460	ug/l	98
94) Hexachlorobutadiene	15.111	225	13747	18.747	ug/l	98
95) Naphthalene	15.239	128	41369	18.956	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	20040	18.411	ug/l	99

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

