

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018787.D
 Acq On : 12 Jul 2024 10:40
 Operator : SY/MD
 Sample : VY0712SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0712SBS01

Quant Time: Jul 12 23:33:19 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 :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	118364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	181755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	154557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	56664	48.650	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.300%		
35) Dibromofluoromethane	7.710	113	57173	50.224	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.440%		
50) Toluene-d8	10.173	98	211110	48.949	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.900%		
62) 4-Bromofluorobenzene	12.483	95	70408	47.804	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	16893	17.033	ug/l	98
3) Chloromethane	2.107	50	24970	16.567	ug/l	99
4) Vinyl Chloride	2.241	62	31142	17.663	ug/l	96
5) Bromomethane	2.637	94	23944	19.743	ug/l	99
6) Chloroethane	2.784	64	21156	18.470	ug/l	97
7) Trichlorofluoromethane	3.113	101	41332	17.940	ug/l	96
8) Diethyl Ether	3.515	74	10996	19.582	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	22543	19.071	ug/l	96
10) Methyl Iodide	4.070	142	22627	17.776	ug/l	94
11) Tert butyl alcohol	4.930	59	8457	71.677	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	21724	18.997	ug/l	92
13) Acrolein	3.710	56	8376	88.607	ug/l	100
14) Allyl chloride	4.466	41	26491	18.699	ug/l	94
15) Acrylonitrile	5.143	53	22142	99.953	ug/l	97
16) Acetone	3.936	43	20272	94.406	ug/l #	79
17) Carbon Disulfide	4.180	76	55727	17.404	ug/l	96
18) Methyl Acetate	4.466	43	11215	17.975	ug/l	99
19) Methyl tert-butyl Ether	5.198	73	51315	19.344	ug/l	94
20) Methylene Chloride	4.698	84	31721	23.449	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	22380	18.543	ug/l	88
22) Diisopropyl ether	6.106	45	58401	18.951	ug/l	91
23) Vinyl Acetate	6.045	43	230980	95.138	ug/l	99
24) 1,1-Dichloroethane	5.997	63	37660	19.140	ug/l	95
25) 2-Butanone	6.978	43	29074	96.593	ug/l #	82
26) 2,2-Dichloropropane	6.966	77	32886	18.014	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	26057	18.544	ug/l	96
28) Bromochloromethane	7.320	49	16009	20.258	ug/l	97
29) Tetrahydrofuran	7.344	42	18181	98.527	ug/l	95
30) Chloroform	7.496	83	42809	19.522	ug/l	98
31) Cyclohexane	7.783	56	32068	17.921	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	39183	19.216	ug/l	99
36) 1,1-Dichloropropene	7.911	75	30398	19.350	ug/l	97
37) Ethyl Acetate	7.070	43	13511	20.691	ug/l #	94
38) Carbon Tetrachloride	7.893	117	35244	18.627	ug/l	98
39) Methylcyclohexane	9.179	83	37712	18.732	ug/l #	88
40) Benzene	8.155	78	88134	19.339	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	7889m	21.190	ug/l	
42) 1,2-Dichloroethane	8.228	62	24666	19.331	ug/l	96
43) Isopropyl Acetate	8.271	43	24950	19.202	ug/l #	84
44) Trichloroethene	8.935	130	25341	19.453	ug/l	96
45) 1,2-Dichloropropane	9.209	63	19247	19.394	ug/l	96
46) Dibromomethane	9.301	93	12712	19.762	ug/l	98
47) Bromodichloromethane	9.490	83	30324	18.870	ug/l	95
48) Methyl methacrylate	9.289	41	10924	18.497	ug/l #	85
49) 1,4-Dioxane	9.295	88	3040	403.158	ug/l #	100
51) 4-Methyl-2-Pentanone	10.063	43	64738	97.586	ug/l	94
52) Toluene	10.240	92	57504	18.984	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	26453	19.066	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	32352	19.876	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	16361	20.085	ug/l	96
56) Ethyl methacrylate	10.508	69	21438	19.990	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	26941	19.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	49369	96.357	ug/l	92
59) 2-Hexanone	10.831	43	46239	99.630	ug/l	88
60) Dibromochloromethane	10.984	129	21173	18.918	ug/l	98
61) 1,2-Dibromoethane	11.087	107	15998	20.202	ug/l	97
64) Tetrachloroethene	10.721	164	25622	20.481	ug/l	97
65) Chlorobenzene	11.514	112	66049	20.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	22404	19.944	ug/l	95
67) Ethyl Benzene	11.587	91	110952	19.426	ug/l	99
68) m/p-Xylenes	11.703	106	86276	38.493	ug/l	94
69) o-Xylene	12.026	106	42050	19.955	ug/l	99
70) Styrene	12.044	104	70069	19.929	ug/l	96
71) Bromoform	12.209	173	12252	20.010	ug/l #	99
73) Isopropylbenzene	12.331	105	110832	19.352	ug/l	97
74) N-amyl acetate	12.142	43	20596	17.585	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	17586	19.478	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	12794m	20.875	ug/l	
77) Bromobenzene	12.611	156	26483	19.370	ug/l	92
78) n-propylbenzene	12.672	91	129811	19.087	ug/l	97
79) 2-Chlorotoluene	12.758	91	71412	18.674	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	89790	19.161	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	5252	19.178	ug/l	88
82) 4-Chlorotoluene	12.849	91	75723	19.230	ug/l	98
83) tert-Butylbenzene	13.075	119	80034	18.500	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	88734	19.056	ug/l	100
85) sec-Butylbenzene	13.251	105	114331	18.618	ug/l	96
86) p-Isopropyltoluene	13.367	119	98758	18.629	ug/l	94
87) 1,3-Dichlorobenzene	13.361	146	52153	19.422	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	51343	19.291	ug/l	97
89) n-Butylbenzene	13.696	91	90946	18.923	ug/l	98
90) Hexachloroethane	13.959	117	17865	18.120	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	44295	19.096	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2799	19.133	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	26691	18.850	ug/l	96
94) Hexachlorobutadiene	15.111	225	14781	18.110	ug/l	96
95) Naphthalene	15.239	128	43111	17.748	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	22244	18.360	ug/l	97

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

