

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018991.D
 Acq On : 12 Aug 2024 10:44
 Operator : SY/MD
 Sample : VY0812SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBS01

Quant Time: Aug 13 01:10:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	63767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	98345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	83636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	39911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	26987	48.202	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.400%		
35) Dibromofluoromethane	7.622	113	31001	49.355	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.720%		
50) Toluene-d8	10.103	98	118740	49.216	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.408	95	32394	45.257	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	8906	20.319	ug/l	93
3) Chloromethane	2.068	50	20677	17.911	ug/l	96
4) Vinyl Chloride	2.202	62	28200	19.199	ug/l	99
5) Bromomethane	2.586	94	24427	20.843	ug/l	95
6) Chloroethane	2.726	64	18620	18.851	ug/l	97
7) Trichlorofluoromethane	3.043	101	35962	18.370	ug/l	95
8) Diethyl Ether	3.458	74	5430	17.994	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	11990	19.604	ug/l	93
10) Methyl Iodide	3.995	142	12575	19.041	ug/l	96
11) Tert butyl alcohol	4.836	59	5149	68.456	ug/l #	97
12) 1,1-Dichloroethene	3.781	96	11558	20.004	ug/l	90
13) Acrolein	3.641	56	5466	90.362	ug/l	95
14) Allyl chloride	4.373	41	15271	19.762	ug/l #	84
15) Acrylonitrile	5.043	53	11063	93.514	ug/l	98
16) Acetone	3.854	43	9982	78.942	ug/l #	82
17) Carbon Disulfide	4.098	76	33417	19.456	ug/l	99
18) Methyl Acetate	4.373	43	5690	18.285	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	25014	17.601	ug/l	92
20) Methylene Chloride	4.604	84	13366	16.522	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	12922	20.213	ug/l	92
22) Diisopropyl ether	6.006	45	32837	19.492	ug/l #	88
23) Vinyl Acetate	5.945	43	131795	90.652	ug/l	93
24) 1,1-Dichloroethane	5.909	63	21194	20.508	ug/l	93
25) 2-Butanone	6.884	43	14775	81.506	ug/l #	85
26) 2,2-Dichloropropane	6.872	77	17934	18.438	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	14908	19.490	ug/l	99
28) Bromochloromethane	7.232	49	9364	19.681	ug/l	94
29) Tetrahydrofuran	7.250	42	9356	87.530	ug/l	92
30) Chloroform	7.409	83	22409	20.270	ug/l	97
31) Cyclohexane	7.689	56	18662	18.970	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	20031	20.045	ug/l	96
36) 1,1-Dichloropropene	7.823	75	15686	18.604	ug/l	98
37) Ethyl Acetate	6.976	43	7257	18.831	ug/l	96
38) Carbon Tetrachloride	7.811	117	18260	18.888	ug/l	92
39) Methylcyclohexane	9.097	83	20230	17.825	ug/l	97
40) Benzene	8.073	78	49454	19.727	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	3775m	20.767	ug/l	
42) 1,2-Dichloroethane	8.146	62	12509	20.044	ug/l	98
43) Isopropyl Acetate	8.195	43	12863	16.412	ug/l #	83
44) Trichloroethene	8.853	130	13962	19.539	ug/l	93
45) 1,2-Dichloropropane	9.134	63	9971	17.775	ug/l	95
46) Dibromomethane	9.225	93	7018	19.363	ug/l	99
47) Bromodichloromethane	9.420	83	16522	19.479	ug/l #	94
48) Methyl methacrylate	9.219	41	5729	16.732	ug/l #	75
49) 1,4-Dioxane	9.213	88	1324	309.193	ug/l #	87
51) 4-Methyl-2-Pentanone	10.000	43	34261	84.761	ug/l #	84
52) Toluene	10.170	92	31891	19.151	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	14062	18.591	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	16471	18.332	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	8227	18.483	ug/l	94
56) Ethyl methacrylate	10.438	69	9914	16.450	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	13727	18.731	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	25513	82.115	ug/l	94
59) 2-Hexanone	10.762	43	22934	79.096	ug/l	85
60) Dibromochloromethane	10.908	129	10902	18.269	ug/l	99
61) 1,2-Dibromoethane	11.012	107	7857	18.281	ug/l	94
64) Tetrachloroethene	10.652	164	13940	19.883	ug/l	87
65) Chlorobenzene	11.444	112	36451	19.850	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.518	131	11656	18.147	ug/l	98
67) Ethyl Benzene	11.518	91	60281	18.960	ug/l	91
68) m/p-Xylenes	11.627	106	48858	37.477	ug/l	93
69) o-Xylene	11.957	106	22474	18.678	ug/l	92
70) Styrene	11.975	104	36377	18.355	ug/l	100
71) Bromoform	12.127	173	6603	19.769	ug/l #	91
73) Isopropylbenzene	12.255	105	57939	19.999	ug/l	97
74) N-amyl acetate	12.072	43	11914	17.822	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.511	83	9215	19.710	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	5826m	19.594	ug/l	
77) Bromobenzene	12.536	156	14335	21.241	ug/l	83
78) n-propylbenzene	12.597	91	66665	19.442	ug/l	94
79) 2-Chlorotoluene	12.682	91	35839	20.189	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	43103	18.986	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.304	75	2727	18.899	ug/l #	81
82) 4-Chlorotoluene	12.780	91	35721	19.655	ug/l	93
83) tert-Butylbenzene	12.999	119	43352	20.216	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	43594	18.929	ug/l	96
85) sec-Butylbenzene	13.176	105	62521	20.128	ug/l	96
86) p-Isopropyltoluene	13.298	119	51956	19.317	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	27501	19.948	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	26614	19.795	ug/l	99
89) n-Butylbenzene	13.621	91	45697	19.356	ug/l	98
90) Hexachloroethane	13.883	117	10166	20.031	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	23900	21.086	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1130	17.571	ug/l	92
93) 1,2,4-Trichlorobenzene	14.926	180	11818	18.935	ug/l	98
94) Hexachlorobutadiene	15.029	225	7267	21.231	ug/l	96
95) Naphthalene	15.151	128	17350	15.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	10399	19.412	ug/l	95

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

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