

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018439.D
 Acq On : 03 Jun 2024 14:36
 Operator : SY/MD
 Sample : VY0603SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Quant Time: Jun 04 05:41:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 06/04/2024
 Supervised By :Mahesh Dadoda 06/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	57261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	90495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	80824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52033	46.271	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.540%		
35) Dibromofluoromethane	7.704	113	52978	46.167	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.340%		
50) Toluene-d8	10.173	98	207035	45.351	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.700%		
62) 4-Bromofluorobenzene	12.477	95	65573	46.133	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	19963	21.952	ug/l	98
3) Chloromethane	2.107	50	38087	22.457	ug/l	97
4) Vinyl Chloride	2.241	62	45067	22.216	ug/l	98
5) Bromomethane	2.625	94	30825	22.776	ug/l	99
6) Chloroethane	2.778	64	28094	21.935	ug/l	91
7) Trichlorofluoromethane	3.107	101	46666	22.234	ug/l	95
8) Diethyl Ether	3.509	74	13595	21.527	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	26307	21.525	ug/l	95
10) Methyl Iodide	4.076	142	24499	20.408	ug/l	97
11) Tert butyl alcohol	4.942	59	21964	145.338	ug/l #	91
12) 1,1-Dichloroethene	3.851	96	25167	20.950	ug/l	90
13) Acrolein	3.716	56	10707	93.020	ug/l	100
14) Allyl chloride	4.460	41	36102	20.521	ug/l	94
15) Acrylonitrile	5.143	53	33574	116.250	ug/l	99
16) Acetone	3.936	43	27062	108.427	ug/l	91
17) Carbon Disulfide	4.174	76	75118	21.317	ug/l	97
18) Methyl Acetate	4.466	43	14592	23.380	ug/l #	87
19) Methyl tert-butyl Ether	5.198	73	65075	22.477	ug/l	97
20) Methylene Chloride	4.686	84	35574	23.327	ug/l	95
21) trans-1,2-Dichloroethene	5.192	96	27466	21.426	ug/l	98
22) Diisopropyl ether	6.106	45	77362	21.593	ug/l	92
23) Vinyl Acetate	6.039	43	267695	114.806	ug/l	93
24) 1,1-Dichloroethane	6.003	63	48108	21.528	ug/l	96
25) 2-Butanone	6.972	43	43419	113.557	ug/l	91
26) 2,2-Dichloropropane	6.972	77	39125	19.920	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	30966	20.766	ug/l	93
28) Bromochloromethane	7.319	49	22371	21.754	ug/l	85
29) Tetrahydrofuran	7.338	42	30022	120.903	ug/l #	87
30) Chloroform	7.496	83	48113	21.466	ug/l	97
31) Cyclohexane	7.777	56	45023	21.474	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	41267	21.021	ug/l	97
36) 1,1-Dichloropropene	7.911	75	36603	20.919	ug/l	97
37) Ethyl Acetate	7.063	43	19927	22.797	ug/l #	94
38) Carbon Tetrachloride	7.892	117	34189	19.499	ug/l	95
39) Methylcyclohexane	9.173	83	50371	21.295	ug/l	93
40) Benzene	8.149	78	110523	21.082	ug/l	95

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41) Methacrylonitrile	7.295	41	9515	22.379	ug/l	94
42) 1,2-Dichloroethane	8.228	62	27661	21.702	ug/l	100
43) Isopropyl Acetate	8.264	43	36530	22.350	ug/l	93
44) Trichloroethene	8.929	130	26829	20.651	ug/l	94
45) 1,2-Dichloropropane	9.209	63	25376	21.165	ug/l	99
46) Dibromomethane	9.301	93	14477	21.060	ug/l	92
47) Bromodichloromethane	9.490	83	34389	20.841	ug/l	97
48) Methyl methacrylate	9.282	41	15886	21.126	ug/l	90
49) 1,4-Dioxane	9.289	88	4506	499.164	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	100000	117.829	ug/l	92
52) Toluene	10.240	92	68538	21.255	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	31932	21.073	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	39316	21.072	ug/l #	90
55) 1,1,2-Trichloroethane	10.636	97	19818	22.159	ug/l	95
56) Ethyl methacrylate	10.508	69	29268	23.256	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	34293	22.587	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	81403	120.450	ug/l	96
59) 2-Hexanone	10.825	43	70401	120.040	ug/l	92
60) Dibromochloromethane	10.977	129	22273	20.385	ug/l	99
61) 1,2-Dibromoethane	11.081	107	18274	21.699	ug/l	99
64) Tetrachloroethene	10.715	164	23483	19.725	ug/l	93
65) Chlorobenzene	11.514	112	70851	20.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	22464	20.044	ug/l	97
67) Ethyl Benzene	11.587	91	132528	21.007	ug/l	98
68) m/p-Xylenes	11.697	106	99872	42.042	ug/l	97
69) o-Xylene	12.026	106	46768	20.451	ug/l	96
70) Styrene	12.038	104	78152	20.917	ug/l	99
71) Bromoform	12.203	173	12162	20.599	ug/l #	95
73) Isopropylbenzene	12.325	105	125118	20.225	ug/l	98
74) N-amyl acetate	12.142	43	33404	22.184	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	23261	21.360	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	14966m	20.133	ug/l	
77) Bromobenzene	12.605	156	26295	20.019	ug/l	91
78) n-propylbenzene	12.666	91	151265	20.373	ug/l	98
79) 2-Chlorotoluene	12.751	91	82968	20.555	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	99359	20.622	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	7770	21.960	ug/l	95
82) 4-Chlorotoluene	12.849	91	84015	20.684	ug/l	99
83) tert-Butylbenzene	13.068	119	89729	20.140	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	97832	20.740	ug/l	98
85) sec-Butylbenzene	13.251	105	137187	20.908	ug/l	98
86) p-Isopropyltoluene	13.367	119	109941	20.761	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	50236	19.389	ug/l	95
88) 1,4-Dichlorobenzene	13.446	146	50381	19.793	ug/l	96
89) n-Butylbenzene	13.690	91	108400	21.541	ug/l	98
90) Hexachloroethane	13.958	117	19669	19.816	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	45611	20.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3563	21.501	ug/l	73
93) 1,2,4-Trichlorobenzene	15.001	180	23499	19.272	ug/l	98
94) Hexachlorobutadiene	15.111	225	12345	19.063	ug/l	99
95) Naphthalene	15.233	128	51317	20.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	19786	19.178	ug/l	92

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

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