

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018378.D
 Acq On : 28 May 2024 14:07
 Operator : SY/MD
 Sample : VY0528SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Quant Time: May 29 05:46:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/29/2024
 Supervised By :Semsettin Yesilyurt 05/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	128322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	66149	54.410	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.820%			
35) Dibromofluoromethane	7.710	113	66281	48.921	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.840%			
50) Toluene-d8	10.173	98	270190	51.150	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.300%			
62) 4-Bromofluorobenzene	12.477	95	85460	52.359	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	20948	19.126	ug/l	99
3) Chloromethane	2.107	50	34828	19.567	ug/l	100
4) Vinyl Chloride	2.241	62	43686	21.940	ug/l	95
5) Bromomethane	2.631	94	30826	21.653	ug/l	99
6) Chloroethane	2.778	64	29104	22.517	ug/l	96
7) Trichlorofluoromethane	3.107	101	47940	21.454	ug/l	97
8) Diethyl Ether	3.521	74	15306	21.452	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	29031	21.059	ug/l	95
10) Methyl Iodide	4.076	142	25029	18.053	ug/l	94
11) Tert butyl alcohol	4.936	59	15548	115.293	ug/l #	94
12) 1,1-Dichloroethene	3.851	96	26861	19.783	ug/l	93
13) Acrolein	3.716	56	12408	115.445	ug/l	98
14) Allyl chloride	4.466	41	40538	21.378	ug/l	95
15) Acrylonitrile	5.143	53	35872	116.235	ug/l	99
16) Acetone	3.930	43	27716	110.842	ug/l	92
17) Carbon Disulfide	4.180	76	70470	18.586	ug/l	100
18) Methyl Acetate	4.466	43	16631	25.093	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	73783	22.663	ug/l	93
20) Methylene Chloride	4.692	84	41593	26.626	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	29782	20.793	ug/l	92
22) Diisopropyl ether	6.100	45	92078	23.366	ug/l #	87
23) Vinyl Acetate	6.045	43	299977	118.885	ug/l	95
24) 1,1-Dichloroethane	5.996	63	55670	23.036	ug/l	94
25) 2-Butanone	6.978	43	47594	120.111	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	45310	21.689	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	35656	21.185	ug/l	94
28) Bromochloromethane	7.319	49	17496	21.316	ug/l #	86
29) Tetrahydrofuran	7.338	42	31626	121.258	ug/l	90
30) Chloroform	7.496	83	56558	22.961	ug/l	97
31) Cyclohexane	7.777	56	48421	21.169	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	46687	21.594	ug/l	97
36) 1,1-Dichloropropene	7.911	75	40345	20.533	ug/l	96
37) Ethyl Acetate	7.063	43	22871	24.333	ug/l	97
38) Carbon Tetrachloride	7.886	117	38786	19.273	ug/l	94
39) Methylcyclohexane	9.179	83	51984	18.966	ug/l	96
40) Benzene	8.149	78	125133	20.891	ug/l	96

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41) Methacrylonitrile	7.301	41	8010m	17.072	ug/l	
42) 1,2-Dichloroethane	8.228	62	31170	21.634	ug/l	99
43) Isopropyl Acetate	8.264	43	41976	22.888	ug/l	92
44) Trichloroethene	8.935	130	30107	19.610	ug/l	97
45) 1,2-Dichloropropane	9.209	63	30157	22.386	ug/l	97
46) Dibromomethane	9.301	93	16485	20.854	ug/l	91
47) Bromodichloromethane	9.490	83	41525	21.645	ug/l	97
48) Methyl methacrylate	9.289	41	18495	22.295	ug/l	92
49) 1,4-Dioxane	9.289	88	4368	425.885	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	109296	118.086	ug/l	94
52) Toluene	10.240	92	80078	21.327	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	38030	21.683	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	45443	21.144	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	23697	22.628	ug/l	98
56) Ethyl methacrylate	10.508	69	33782	23.517	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	39655	22.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	76215	117.419	ug/l	97
59) 2-Hexanone	10.831	43	77764	122.103	ug/l	91
60) Dibromochloromethane	10.977	129	27409	21.668	ug/l	98
61) 1,2-Dibromoethane	11.087	107	21777	22.536	ug/l	96
64) Tetrachloroethene	10.715	164	26311	18.291	ug/l	88
65) Chlorobenzene	11.514	112	84165	20.092	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	27608	20.833	ug/l	97
67) Ethyl Benzene	11.587	91	151088	20.538	ug/l	98
68) m/p-Xylenes	11.697	106	113923	40.249	ug/l	97
69) o-Xylene	12.026	106	54978	20.582	ug/l	97
70) Styrene	12.044	104	92973	21.056	ug/l	98
71) Bromoform	12.209	173	14006	19.982	ug/l #	98
73) Isopropylbenzene	12.325	105	143725	19.918	ug/l	99
74) N-amyl acetate	12.142	43	38323	22.763	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	26831	21.822	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	17943m	21.745	ug/l	
77) Bromobenzene	12.605	156	30840	19.514	ug/l	92
78) n-propylbenzene	12.666	91	177984	20.600	ug/l	98
79) 2-Chlorotoluene	12.757	91	97088	20.756	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	114210	20.141	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	9315	23.227	ug/l	98
82) 4-Chlorotoluene	12.855	91	99523	20.984	ug/l	100
83) tert-Butylbenzene	13.074	119	105295	20.088	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	113516	20.355	ug/l	99
85) sec-Butylbenzene	13.251	105	159889	20.625	ug/l	98
86) p-Isopropyltoluene	13.367	119	129259	20.385	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	62562	20.103	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	62135	20.060	ug/l	97
89) n-Butylbenzene	13.696	91	123513	20.728	ug/l	99
90) Hexachloroethane	13.958	117	23832	20.353	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	55925	20.710	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3404	20.185	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	27925	18.154	ug/l	98
94) Hexachlorobutadiene	15.111	225	14711	18.689	ug/l	99
95) Naphthalene	15.233	128	57172	18.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23923	18.293	ug/l	96

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

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