

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017666.D
 Acq On : 15 Mar 2024 12:17
 Operator : SY/MD
 Sample : VY0315SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

Quant Time: Mar 16 00:13:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
 Supervised By :Semsettin Yesilyurt 03/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	146076	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	229509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48734	35.202	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	70.400%		
35) Dibromofluoromethane	7.716	113	57518	35.965	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	71.920%		
50) Toluene-d8	10.179	98	212324	37.971	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	75.940%		
62) 4-Bromofluorobenzene	12.483	95	63992	36.414	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	72.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19249	17.864	ug/l	99
3) Chloromethane	2.107	50	36018	18.294	ug/l	94
4) Vinyl Chloride	2.247	62	46759	18.513	ug/l	100
5) Bromomethane	2.644	94	39457	19.170	ug/l	100
6) Chloroethane	2.784	64	31485	19.760	ug/l	98
7) Trichlorofluoromethane	3.119	101	46327	17.996	ug/l	94
8) Diethyl Ether	3.521	74	13405	17.754	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	28811	19.458	ug/l	100
10) Methyl Iodide	4.076	142	32729	19.696	ug/l	98
11) Tert butyl alcohol	4.942	59	9092	77.315	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	25994	18.837	ug/l	95
13) Acrolein	3.723	56	10501	67.676	ug/l	97
14) Allyl chloride	4.466	41	30896	18.530	ug/l	98
15) Acrylonitrile	5.149	53	26236	84.530	ug/l	99
16) Acetone	3.936	43	24285	90.441	ug/l	93
17) Carbon Disulfide	4.186	76	82041	19.807	ug/l	98
18) Methyl Acetate	4.472	43	10066	15.452	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	56024	17.419	ug/l	96
20) Methylene Chloride	4.704	84	30579	15.616	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	30820	19.075	ug/l	95
22) Diisopropyl ether	6.112	45	71906	18.689	ug/l	96
23) Vinyl Acetate	6.051	43	203643	88.821	ug/l	100
24) 1,1-Dichloroethane	6.009	63	49928	18.994	ug/l	97
25) 2-Butanone	6.984	43	33115	86.536	ug/l	96
26) 2,2-Dichloropropane	6.972	77	42166	19.079	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	33823	18.645	ug/l	98
28) Bromochloromethane	7.326	49	22072	21.321	ug/l	97
29) Tetrahydrofuran	7.344	42	19260	83.493	ug/l	99
30) Chloroform	7.502	83	52555	18.779	ug/l	98
31) Cyclohexane	7.777	56	42305	18.777	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	45485	18.720	ug/l	98
36) 1,1-Dichloropropene	7.911	75	40974	18.989	ug/l	99
37) Ethyl Acetate	7.070	43	14208	16.671	ug/l #	97
38) Carbon Tetrachloride	7.893	117	41686	19.276	ug/l	98
39) Methylcyclohexane	9.179	83	48945	18.874	ug/l	96
40) Benzene	8.155	78	121978	19.035	ug/l	98

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41) Methacrylonitrile	7.326	41	8711m	20.368	ug/l	
42) 1,2-Dichloroethane	8.234	62	28975	18.532	ug/l	100
43) Isopropyl Acetate	8.271	43	25223	16.842	ug/l	97
44) Trichloroethene	8.935	130	33813	18.307	ug/l	99
45) 1,2-Dichloropropane	9.216	63	28774	18.873	ug/l	97
46) Dibromomethane	9.307	93	15554	17.827	ug/l	97
47) Bromodichloromethane	9.496	83	38866	18.346	ug/l	98
48) Methyl methacrylate	9.289	41	11150	16.084	ug/l	94
49) 1,4-Dioxane	9.295	88	2948	298.549	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	67957	81.418	ug/l	100
52) Toluene	10.246	92	74924	18.547	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	34266	17.426	ug/l	92
54) cis-1,3-Dichloropropene	9.929	75	43135	18.053	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	21742	17.551	ug/l	94
56) Ethyl methacrylate	10.508	69	22808	16.743	ug/l	99
57) 1,3-Dichloropropane	10.788	76	35955	17.851	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	56867	79.550	ug/l	98
59) 2-Hexanone	10.831	43	47718	83.231	ug/l	99
60) Dibromochloromethane	10.984	129	26221	17.892	ug/l	100
61) 1,2-Dibromoethane	11.087	107	20061	17.572	ug/l	97
64) Tetrachloroethene	10.721	164	34748	18.224	ug/l	98
65) Chlorobenzene	11.514	112	79553	18.867	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	28990	18.352	ug/l	99
67) Ethyl Benzene	11.593	91	137266	18.562	ug/l	97
68) m/p-Xylenes	11.703	106	109691	37.750	ug/l	98
69) o-Xylene	12.032	106	49666	18.424	ug/l	99
70) Styrene	12.044	104	81393	18.190	ug/l	98
71) Bromoform	12.209	173	15187	17.349	ug/l #	98
73) Isopropylbenzene	12.331	105	131831	19.542	ug/l	100
74) N-amyl acetate	12.148	43	21122	17.752	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	22030	19.017	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	16749m	19.413	ug/l	
77) Bromobenzene	12.611	156	31099	19.036	ug/l	97
78) n-propylbenzene	12.672	91	161356	19.934	ug/l	100
79) 2-Chlorotoluene	12.758	91	87306	19.265	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	105634	19.545	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	6603	17.586	ug/l	95
82) 4-Chlorotoluene	12.855	91	91889	19.824	ug/l	100
83) tert-Butylbenzene	13.075	119	91254	19.228	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	103227	19.346	ug/l	99
85) sec-Butylbenzene	13.258	105	142118	19.586	ug/l	100
86) p-Isopropyltoluene	13.373	119	116133	19.552	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	62164	18.957	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	60614	19.013	ug/l	100
89) n-Butylbenzene	13.696	91	105925	19.546	ug/l	98
90) Hexachloroethane	13.959	117	23770	19.961	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	52312	18.860	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2629	16.143	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	27025	18.446	ug/l	99
94) Hexachlorobutadiene	15.111	225	17652	19.515	ug/l	97
95) Naphthalene	15.239	128	40690	17.126	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	22436	17.851	ug/l	99

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

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