

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061324\
 Data File : VY018580.D
 Acq On : 13 Jun 2024 17:34
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 14 06:49:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 06:38:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2024
 Supervised By :Mahesh Dadoda 06/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	159578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	263848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	242158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	158466	98.633	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 197.260%#			
35) Dibromofluoromethane	7.704	113	166429	103.403	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 206.800%#			
50) Toluene-d8	10.173	98	653029	105.504	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 211.000%#			
62) 4-Bromofluorobenzene	12.477	95	200924	102.800	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 205.600%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	113572	108.058	ug/l	97
3) Chloromethane	2.101	50	213038	98.416	ug/l	97
4) Vinyl Chloride	2.241	62	269635	100.584	ug/l	99
5) Bromomethane	2.625	94	191210	95.963	ug/l	99
6) Chloroethane	2.778	64	173072	98.556	ug/l	100
7) Trichlorofluoromethane	3.101	101	290447	100.615	ug/l	99
8) Diethyl Ether	3.509	74	84704	102.909	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.875	101	154485	102.424	ug/l	97
10) Methyl Iodide	4.070	142	185629	101.069	ug/l	95
11) Tert butyl alcohol	4.942	59	66779	231.078	ug/l #	83
12) 1,1-Dichloroethene	3.851	96	156450	103.216	ug/l	97
13) Acrolein	3.710	56	50800	546.774	ug/l	98
14) Allyl chloride	4.460	41	207911	101.745	ug/l	97
15) Acrylonitrile	5.143	53	181685	496.187	ug/l	99
16) Acetone	3.930	43	157777	482.691	ug/l	90
17) Carbon Disulfide	4.174	76	475621	101.092	ug/l	100
18) Methyl Acetate	4.460	43	84837	102.325	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	410078	101.421	ug/l	99
20) Methylene Chloride	4.698	84	183616	100.132	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	183054	106.089	ug/l	99
22) Diisopropyl ether	6.100	45	457189	99.105	ug/l	91
23) Vinyl Acetate	6.039	43	1911926	488.466	ug/l	100
24) 1,1-Dichloroethane	5.997	63	299815	100.879	ug/l	99
25) 2-Butanone	6.972	43	235551	480.753	ug/l	93
26) 2,2-Dichloropropane	6.966	77	253290	101.156	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	215940	103.609	ug/l	99
28) Bromochloromethane	7.319	49	112535	92.382	ug/l	100
29) Tetrahydrofuran	7.332	42	147104	489.237	ug/l	99
30) Chloroform	7.490	83	328598	101.453	ug/l	97
31) Cyclohexane	7.771	56	240002	97.521	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	283724	103.111	ug/l	97
36) 1,1-Dichloropropene	7.905	75	235516	106.306	ug/l	98
37) Ethyl Acetate	7.063	43	102811	98.444	ug/l #	97
38) Carbon Tetrachloride	7.886	117	252759	108.747	ug/l	98
39) Methylcyclohexane	9.173	83	297162	109.470	ug/l	99
40) Benzene	8.149	78	729981	106.541	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	44548	88.651	ug/l	88
42) 1,2-Dichloroethane	8.228	62	183019	102.388	ug/l	99
43) Isopropyl Acetate	8.264	43	200034	102.620	ug/l	97
44) Trichloroethene	8.935	130	190784	106.356	ug/l	98
45) 1,2-Dichloropropane	9.209	63	162269	103.574	ug/l	99
46) Dibromomethane	9.295	93	103140	106.099	ug/l	96
47) Bromodichloromethane	9.490	83	248919	107.285	ug/l	98
48) Methyl methacrylate	9.282	41	93508	106.556	ug/l	95
49) 1,4-Dioxane	9.289	88	25397	1986.472	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	528148	514.384	ug/l	99
52) Toluene	10.240	92	477186	108.476	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	229537	113.208	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	271536	110.975	ug/l	97
55) 1,1,2-Trichloroethane	10.636	97	134836	104.283	ug/l	98
56) Ethyl methacrylate	10.502	69	188067	111.154	ug/l	96
57) 1,3-Dichloropropane	10.782	76	223997	104.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	450166	551.133	ug/l	97
59) 2-Hexanone	10.825	43	367156	510.500	ug/l	98
60) Dibromochloromethane	10.977	129	178025	110.837	ug/l	100
61) 1,2-Dibromoethane	11.081	107	128435	107.482	ug/l	99
64) Tetrachloroethene	10.715	164	180399	104.448	ug/l	98
65) Chlorobenzene	11.514	112	523532	104.655	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	180362	107.590	ug/l	99
67) Ethyl Benzene	11.587	91	928768	107.001	ug/l	96
68) m/p-Xylenes	11.697	106	717794	212.521	ug/l	100
69) o-Xylene	12.026	106	339843	104.634	ug/l	99
70) Styrene	12.038	104	562480	104.830	ug/l	100
71) Bromoform	12.203	173	102957	111.927	ug/l #	98
73) Isopropylbenzene	12.325	105	865108	103.965	ug/l	99
74) N-amyl acetate	12.142	43	163247	95.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.575	83	145290	98.335	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	106513m	96.508	ug/l	
77) Bromobenzene	12.605	156	207701	107.932	ug/l	92
78) n-propylbenzene	12.666	91	984453	101.091	ug/l	97
79) 2-Chlorotoluene	12.751	91	552284	100.468	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	691513	104.857	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	44175	108.250	ug/l	94
82) 4-Chlorotoluene	12.849	91	555436	100.340	ug/l	95
83) tert-Butylbenzene	13.068	119	648177	106.194	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	694119	105.305	ug/l	99
85) sec-Butylbenzene	13.251	105	889310	102.157	ug/l	97
86) p-Isopropyltoluene	13.367	119	790564	107.119	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	411136	105.924	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	392019	102.923	ug/l	100
89) n-Butylbenzene	13.690	91	670939	100.862	ug/l	98
90) Hexachloroethane	13.958	117	147233	109.819	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	348172	105.007	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	20926	97.811	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	201000	108.810	ug/l	98
94) Hexachlorobutadiene	15.111	225	97469	102.692	ug/l	98
95) Naphthalene	15.233	128	390965	113.256	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	168024	107.653	ug/l	99

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

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