

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061324\
 Data File : VY018579.D
 Acq On : 13 Jun 2024 17:10
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 06:49:08 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

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	149801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	258920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	232807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76094	50.454	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.900%			
35) Dibromofluoromethane	7.704	113	78257	49.547	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.100%			
50) Toluene-d8	10.173	98	303152	49.910	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.477	95	99968	52.121	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	54650	55.391	ug/l	100
3) Chloromethane	2.101	50	123767	60.908	ug/l	97
4) Vinyl Chloride	2.241	62	149127	59.260	ug/l	98
5) Bromomethane	2.637	94	104951	56.110	ug/l	99
6) Chloroethane	2.778	64	96478	58.525	ug/l	99
7) Trichlorofluoromethane	3.107	101	158353	58.436	ug/l	95
8) Diethyl Ether	3.515	74	47178	61.059	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	81081	57.265	ug/l	95
10) Methyl Iodide	4.076	142	102769	59.891	ug/l	97
11) Tert butyl alcohol	4.936	59	49761	183.428	ug/l #	88
12) 1,1-Dichloroethene	3.851	96	83215	58.483	ug/l	94
13) Acrolein	3.710	56	28201	323.346	ug/l	98
14) Allyl chloride	4.460	41	114101	59.482	ug/l	96
15) Acrylonitrile	5.143	53	104027	302.643	ug/l	98
16) Acetone	3.930	43	95040	309.735	ug/l	90
17) Carbon Disulfide	4.174	76	248156	57.173	ug/l	96
18) Methyl Acetate	4.460	43	51310	65.926	ug/l	97
19) Methyl tert-butyl Ether	5.198	73	224639	59.184	ug/l	95
20) Methylene Chloride	4.698	84	107614	58.415	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	95228	58.791	ug/l	95
22) Diisopropyl ether	6.100	45	261466	60.377	ug/l	92
23) Vinyl Acetate	6.045	43	1090372	273.026	ug/l	99
24) 1,1-Dichloroethane	5.997	63	161877	58.022	ug/l	96
25) 2-Butanone	6.972	43	143267	311.488	ug/l	92
26) 2,2-Dichloropropane	6.966	77	133123	56.635	ug/l	98
27) cis-1,2-Dichloroethene	6.966	96	114186	58.363	ug/l	97
28) Bromochloromethane	7.319	49	47164	41.245	ug/l	96
29) Tetrahydrofuran	7.338	42	87733	310.825	ug/l	97
30) Chloroform	7.496	83	176164	57.939	ug/l	98
31) Cyclohexane	7.771	56	129410	56.016	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	148987	57.679	ug/l	98
36) 1,1-Dichloropropene	7.905	75	124024	57.047	ug/l	98
37) Ethyl Acetate	7.063	43	61260	59.774	ug/l	99
38) Carbon Tetrachloride	7.886	117	129669	56.851	ug/l	97
39) Methylcyclohexane	9.173	83	158704	59.577	ug/l	99
40) Benzene	8.149	78	392934	58.440	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	30164m	61.169	ug/l	
42) 1,2-Dichloroethane	8.228	62	102797	58.603	ug/l	98
43) Isopropyl Acetate	8.264	43	116364	60.832	ug/l	94
44) Trichloroethene	8.935	130	101925	57.901	ug/l	97
45) 1,2-Dichloropropane	9.209	63	88999	57.888	ug/l	98
46) Dibromomethane	9.295	93	56324	59.043	ug/l	96
47) Bromodichloromethane	9.490	83	134132	58.912	ug/l	98
48) Methyl methacrylate	9.283	41	54230	62.974	ug/l	92
49) 1,4-Dioxane	9.289	88	15111	1204.430	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	313558	311.199	ug/l	97
52) Toluene	10.240	92	256129	59.332	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	122414	61.524	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	143158	59.621	ug/l	96
55) 1,1,2-Trichloroethane	10.636	97	73534	57.954	ug/l	95
56) Ethyl methacrylate	10.502	69	107060	64.480	ug/l	95
57) 1,3-Dichloropropane	10.782	76	125261	59.430	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	218967	273.181	ug/l	99
59) 2-Hexanone	10.825	43	222860	315.766	ug/l	97
60) Dibromochloromethane	10.977	129	94541	59.981	ug/l	98
61) 1,2-Dibromoethane	11.081	107	71713	61.156	ug/l	100
64) Tetrachloroethene	10.715	164	95370	57.435	ug/l	97
65) Chlorobenzene	11.508	112	280331	58.289	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	93657	58.112	ug/l	99
67) Ethyl Benzene	11.587	91	492640	59.036	ug/l	97
68) m/p-Xylenes	11.697	106	392609	120.911	ug/l	99
69) o-Xylene	12.026	106	186767	59.813	ug/l	99
70) Styrene	12.038	104	316418	61.340	ug/l	99
71) Bromoform	12.203	173	52377	59.228	ug/l #	99
73) Isopropylbenzene	12.325	105	480313	56.551	ug/l	100
74) N-amyl acetate	12.142	43	107800	61.982	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.575	83	87746	58.184	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	67060m	59.529	ug/l	
77) Bromobenzene	12.605	156	108832	55.408	ug/l	99
78) n-propylbenzene	12.666	91	571770	57.523	ug/l	100
79) 2-Chlorotoluene	12.751	91	322218	57.427	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	389901	57.923	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	26628	63.928	ug/l	92
82) 4-Chlorotoluene	12.849	91	324146	57.369	ug/l	97
83) tert-Butylbenzene	13.068	119	347482	55.775	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	391940	58.255	ug/l	100
85) sec-Butylbenzene	13.251	105	514019	57.849	ug/l	99
86) p-Isopropyltoluene	13.367	119	433197	57.507	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	221915	56.014	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	217619	55.976	ug/l	99
89) n-Butylbenzene	13.690	91	393667	57.979	ug/l	99
90) Hexachloroethane	13.959	117	80552	58.864	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	195077	57.641	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	12917	59.151	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	107444	56.984	ug/l	97
94) Hexachlorobutadiene	15.105	225	53718	55.449	ug/l	99
95) Naphthalene	15.233	128	214815	60.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	90543	56.834	ug/l	98

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

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