

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018722.D
 Acq On : 27 Jun 2024 16:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2024
 Supervised By :Mahesh Dadoda 06/28/2024

Quant Time: Jun 28 03:17:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	145793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	221515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	195007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49797	33.926	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	67.860%		
35) Dibromofluoromethane	7.710	113	56295	41.660	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.320%		
50) Toluene-d8	10.173	98	205598	39.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.120%		
62) 4-Bromofluorobenzene	12.477	95	61436	37.440	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	48831	50.853	ug/l	98
3) Chloromethane	2.101	50	80715	40.813	ug/l	97
4) Vinyl Chloride	2.235	62	105673	43.147	ug/l	99
5) Bromomethane	2.637	94	74632	40.997	ug/l	96
6) Chloroethane	2.778	64	69172	43.114	ug/l	100
7) Trichlorofluoromethane	3.101	101	141300	53.576	ug/l	98
8) Diethyl Ether	3.509	74	36486	48.519	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	73216	53.132	ug/l	98
10) Methyl Iodide	4.070	142	80873	48.559	ug/l	98
11) Tert butyl alcohol	4.936	59	30409	115.175	ug/l	98
12) 1,1-Dichloroethene	3.851	96	71765	51.823	ug/l	91
13) Acrolein	3.710	56	11839	139.475	ug/l	93
14) Allyl chloride	4.454	41	83676	44.820	ug/l	98
15) Acrylonitrile	5.137	53	78659	235.132	ug/l	99
16) Acetone	3.930	43	69390	232.359	ug/l	92
17) Carbon Disulfide	4.174	76	178083	42.739	ug/l	97
18) Methyl Acetate	4.460	43	35210	46.483	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	176639	47.817	ug/l	99
20) Methylene Chloride	4.692	84	90159	48.767	ug/l	99
21) trans-1,2-Dichloroethene	5.198	96	79359	50.341	ug/l	96
22) Diisopropyl ether	6.100	45	190543	45.210	ug/l	93
23) Vinyl Acetate	6.039	43	775625	198.878	ug/l	98
24) 1,1-Dichloroethane	5.997	63	129474	47.684	ug/l	98
25) 2-Butanone	6.972	43	102351	228.647	ug/l	95
26) 2,2-Dichloropropane	6.960	77	110165	48.156	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	95072	49.929	ug/l	98
28) Bromochloromethane	7.319	49	45386	40.781	ug/l	92
29) Tetrahydrofuran	7.332	42	60851	221.513	ug/l	98
30) Chloroform	7.496	83	143248	48.409	ug/l	100
31) Cyclohexane	7.777	56	97483	43.356	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	128214	51.001	ug/l	98
36) 1,1-Dichloropropene	7.905	75	98213	52.803	ug/l	99
37) Ethyl Acetate	7.057	43	43549	49.668	ug/l #	95
38) Carbon Tetrachloride	7.893	117	114368	58.609	ug/l	96
39) Methylcyclohexane	9.173	83	119970	52.641	ug/l	99
40) Benzene	8.149	78	305824	53.165	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	22405	50.806	ug/l	95
42) 1,2-Dichloroethane	8.228	62	77904	51.911	ug/l	99
43) Isopropyl Acetate	8.264	43	83634	51.105	ug/l	97
44) Trichloroethene	8.929	130	86994	57.764	ug/l	100
45) 1,2-Dichloropropane	9.209	63	67919	51.637	ug/l	100
46) Dibromomethane	9.295	93	45039	55.185	ug/l	100
47) Bromodichloromethane	9.490	83	108048	55.469	ug/l	94
48) Methyl methacrylate	9.283	41	36514	49.561	ug/l #	91
49) 1,4-Dioxane	9.289	88	10984	1023.319	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	220924	256.286	ug/l	99
52) Toluene	10.234	92	193761	52.464	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	93527	54.943	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	112986	55.001	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	59699	54.995	ug/l	96
56) Ethyl methacrylate	10.502	69	77351	54.454	ug/l	97
57) 1,3-Dichloropropane	10.782	76	96059	53.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	142899	208.384	ug/l	93
59) 2-Hexanone	10.825	43	147989	245.090	ug/l	98
60) Dibromochloromethane	10.977	129	80642	59.802	ug/l	100
61) 1,2-Dibromoethane	11.081	107	57423	57.238	ug/l	97
64) Tetrachloroethene	10.715	164	84413	60.691	ug/l	98
65) Chlorobenzene	11.514	112	222160	55.148	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	77282	57.247	ug/l	98
67) Ethyl Benzene	11.587	91	350045	50.079	ug/l	95
68) m/p-Xylenes	11.697	106	280898	103.276	ug/l	95
69) o-Xylene	12.026	106	133523	51.050	ug/l	94
70) Styrene	12.038	104	225897	52.280	ug/l	98
71) Bromoform	12.203	173	47651	64.328	ug/l #	97
73) Isopropylbenzene	12.325	105	336607	47.637	ug/l	97
74) N-amyl acetate	12.142	43	65302	45.131	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	57804	46.072	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	37612m	41.437	ug/l	
77) Bromobenzene	12.605	156	92201	56.422	ug/l	83
78) n-propylbenzene	12.666	91	377725	45.677	ug/l	94
79) 2-Chlorotoluene	12.751	91	211283	45.262	ug/l	93
80) 1,3,5-Trimethylbenzene	12.806	105	264352	47.204	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	18100	52.232	ug/l	96
82) 4-Chlorotoluene	12.849	91	219951	46.792	ug/l	92
83) tert-Butylbenzene	13.068	119	255412	49.278	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	264467	47.249	ug/l	97
85) sec-Butylbenzene	13.251	105	349928	47.337	ug/l	95
86) p-Isopropyltoluene	13.367	119	308666	49.252	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	169948	51.562	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	166711	51.544	ug/l	98
89) n-Butylbenzene	13.696	91	260222	46.067	ug/l	97
90) Hexachloroethane	13.959	117	57242	50.279	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	145626	51.721	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8808	48.482	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	90148	57.469	ug/l	99
94) Hexachlorobutadiene	15.111	225	52975	65.727	ug/l	99
95) Naphthalene	15.233	128	160654	54.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	77592	58.543	ug/l	100

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

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