

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018363.D
 Acq On : 24 May 2024 13:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 25 03:20:01 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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	141933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	247983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69467	51.660	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.320%			
35) Dibromofluoromethane	7.710	113	74544	51.548	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.100%			
50) Toluene-d8	10.179	98	282089	50.032	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.060%			
62) 4-Bromofluorobenzene	12.477	95	87069	49.978	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	58639	48.405	ug/l	99
3) Chloromethane	2.101	50	110675	56.218	ug/l	99
4) Vinyl Chloride	2.241	62	127260	57.783	ug/l	95
5) Bromomethane	2.637	94	84013	53.355	ug/l	96
6) Chloroethane	2.784	64	78747	55.082	ug/l	98
7) Trichlorofluoromethane	3.107	101	131092	53.039	ug/l	98
8) Diethyl Ether	3.521	74	40752	51.637	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	78685	51.604	ug/l	93
10) Methyl Iodide	4.076	142	81525	53.165	ug/l	97
11) Tert butyl alcohol	4.948	59	36562	305.496	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	76751	51.107	ug/l	93
13) Acrolein	3.717	56	23853	212.449	ug/l	96
14) Allyl chloride	4.466	41	115732	55.178	ug/l	95
15) Acrylonitrile	5.143	53	93033	272.544	ug/l	99
16) Acetone	3.936	43	83217	300.888	ug/l	91
17) Carbon Disulfide	4.180	76	234577	55.935	ug/l	99
18) Methyl Acetate	4.466	43	37007	50.483	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	196566	54.586	ug/l	99
20) Methylene Chloride	4.704	84	89010	56.526	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	86011	54.291	ug/l	96
22) Diisopropyl ether	6.106	45	219899	50.452	ug/l	95
23) Vinyl Acetate	6.045	43	749415	268.522	ug/l	99
24) 1,1-Dichloroethane	6.003	63	146218	54.702	ug/l	99
25) 2-Butanone	6.978	43	122144	278.689	ug/l	93
26) 2,2-Dichloropropane	6.972	77	126614	54.795	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	101061	54.286	ug/l	97
28) Bromochloromethane	7.326	49	40142	44.217	ug/l	91
29) Tetrahydrofuran	7.344	42	74518	258.313	ug/l	93
30) Chloroform	7.496	83	145500	53.404	ug/l	97
31) Cyclohexane	7.777	56	130938	55.567	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	129824	54.289	ug/l	98
36) 1,1-Dichloropropene	7.911	75	111127	52.989	ug/l	98
37) Ethyl Acetate	7.064	43	54059	53.885	ug/l	98
38) Carbon Tetrachloride	7.893	117	111916	52.103	ug/l	96
39) Methylcyclohexane	9.179	83	152730	52.206	ug/l	99
40) Benzene	8.155	78	333578	52.177	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	28653	57.217	ug/l	92
42) 1,2-Dichloroethane	8.228	62	78676	51.160	ug/l	100
43) Isopropyl Acetate	8.265	43	102752	52.493	ug/l	93
44) Trichloroethene	8.935	130	84924	51.823	ug/l	97
45) 1,2-Dichloropropane	9.209	63	75936	52.811	ug/l	100
46) Dibromomethane	9.301	93	44091	52.257	ug/l	96
47) Bromodichloromethane	9.490	83	105897	51.716	ug/l	100
48) Methyl methacrylate	9.289	41	45541	51.434	ug/l	92
49) 1,4-Dioxane	9.301	88	11425	1043.659	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	253125	256.226	ug/l	94
52) Toluene	10.240	92	205628	51.309	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	98653	52.697	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	119641	52.156	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	56878	50.884	ug/l	97
56) Ethyl methacrylate	10.508	69	79234	51.678	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	95348	50.326	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	184799	266.741	ug/l	99
59) 2-Hexanone	10.825	43	181761	267.388	ug/l	91
60) Dibromochloromethane	10.984	129	72971	54.047	ug/l	99
61) 1,2-Dibromoethane	11.081	107	53900	52.259	ug/l	100
64) Tetrachloroethene	10.715	164	75412	50.642	ug/l	97
65) Chlorobenzene	11.514	112	222671	51.349	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	73087	53.277	ug/l	99
67) Ethyl Benzene	11.587	91	392115	51.489	ug/l	99
68) m/p-Xylenes	11.697	106	303060	103.428	ug/l	100
69) o-Xylene	12.026	106	145229	52.519	ug/l	96
70) Styrene	12.038	104	241037	52.732	ug/l	100
71) Bromoform	12.209	173	39666	54.666	ug/l #	98
73) Isopropylbenzene	12.325	105	373268	50.198	ug/l	99
74) N-amyl acetate	12.142	43	88490	51.007	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	62827	49.586	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	40883m	48.080	ug/l	
77) Bromobenzene	12.605	156	84456	51.857	ug/l	97
78) n-propylbenzene	12.666	91	442849	49.739	ug/l	99
79) 2-Chlorotoluene	12.752	91	239408	49.667	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	295129	50.507	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	20828	50.398	ug/l	95
82) 4-Chlorotoluene	12.855	91	243552	49.833	ug/l	96
83) tert-Butylbenzene	13.075	119	275084	50.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	292683	50.931	ug/l	100
85) sec-Butylbenzene	13.251	105	400222	50.101	ug/l	99
86) p-Isopropyltoluene	13.367	119	330104	50.520	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	166532	51.928	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	161148	50.486	ug/l	98
89) n-Butylbenzene	13.696	91	306333	49.888	ug/l	99
90) Hexachloroethane	13.959	117	60727	50.327	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	145361	52.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9305	53.544	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	85126	53.704	ug/l	97
94) Hexachlorobutadiene	15.111	225	44768	55.190	ug/l	99
95) Naphthalene	15.233	128	171207	54.928	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	73440	54.496	ug/l	98

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

