

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018622.D
 Acq On : 18 Jun 2024 10:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/19/2024
 Supervised By :Semsettin Yesilyurt 06/19/2024

Quant Time: Jun 19 01:58:09 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	150228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	252116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	222981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	73108	48.336	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.680%		
35) Dibromofluoromethane	7.697	113	75518	49.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.200%		
50) Toluene-d8	10.173	98	292943	49.530	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.477	95	96771	51.815	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	41304	41.745	ug/l	100
3) Chloromethane	2.101	50	110193	54.074	ug/l	96
4) Vinyl Chloride	2.235	62	136955	54.269	ug/l	100
5) Bromomethane	2.637	94	86989	46.375	ug/l	99
6) Chloroethane	2.778	64	81655	49.392	ug/l	98
7) Trichlorofluoromethane	3.101	101	143464	52.791	ug/l	96
8) Diethyl Ether	3.509	74	35332	45.597	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.875	101	68092	47.955	ug/l	96
10) Methyl Iodide	4.070	142	75352	43.975	ug/l	96
11) Tert butyl alcohol	4.942	59	23858	87.695	ug/l #	76
12) 1,1-Dichloroethene	3.851	96	66120	46.337	ug/l	93
13) Acrolein	3.716	56	18580	212.428	ug/l	99
14) Allyl chloride	4.454	41	97385	50.623	ug/l	95
15) Acrylonitrile	5.137	53	79419	230.395	ug/l	99
16) Acetone	3.924	43	82727	268.841	ug/l	88
17) Carbon Disulfide	4.174	76	191482	44.502	ug/l	99
18) Methyl Acetate	4.460	43	36637	46.939	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	171333	45.012	ug/l	97
20) Methylene Chloride	4.692	84	80198	40.606	ug/l	94
21) trans-1,2-Dichloroethene	5.192	96	77013	47.411	ug/l	98
22) Diisopropyl ether	6.100	45	224176	51.619	ug/l	94
23) Vinyl Acetate	6.039	43	892298	221.631	ug/l	97
24) 1,1-Dichloroethane	5.997	63	132992	47.533	ug/l	98
25) 2-Butanone	6.966	43	116496	252.564	ug/l	89
26) 2,2-Dichloropropane	6.966	77	112721	47.819	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	93396	47.601	ug/l	97
28) Bromochloromethane	7.319	49	49003	42.731	ug/l	88
29) Tetrahydrofuran	7.338	42	66574	235.192	ug/l	93
30) Chloroform	7.490	83	145266	47.641	ug/l	97
31) Cyclohexane	7.771	56	116150	50.133	ug/l	97
32) 1,1,1-Trichloroethane	7.685	97	124389	48.019	ug/l	96
36) 1,1-Dichloropropene	7.905	75	104103	49.176	ug/l	99
37) Ethyl Acetate	7.057	43	48344	48.445	ug/l	98
38) Carbon Tetrachloride	7.886	117	109231	49.182	ug/l	98
39) Methylcyclohexane	9.173	83	136654	52.684	ug/l	97
40) Benzene	8.149	78	326653	49.894	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	25392	50.591	ug/l #	68
42) 1,2-Dichloroethane	8.222	62	80942	47.389	ug/l	98
43) Isopropyl Acetate	8.264	43	92028	49.408	ug/l #	81
44) Trichloroethene	8.929	130	81273	47.415	ug/l	97
45) 1,2-Dichloropropane	9.209	63	74634	49.855	ug/l	99
46) Dibromomethane	9.295	93	43941	47.305	ug/l	94
47) Bromodichloromethane	9.490	83	109060	49.193	ug/l #	98
48) Methyl methacrylate	9.283	41	42044	50.140	ug/l	91
49) 1,4-Dioxane	9.289	88	11011	901.322	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	241940	246.600	ug/l	94
52) Toluene	10.234	92	213547	50.803	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	99234	51.220	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	118650	50.748	ug/l	96
55) 1,1,2-Trichloroethane	10.636	97	58797	47.590	ug/l	93
56) Ethyl methacrylate	10.502	69	81026	50.118	ug/l	91
57) 1,3-Dichloropropane	10.782	76	99670	48.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	184804	236.782	ug/l	98
59) 2-Hexanone	10.825	43	180230	262.256	ug/l	94
60) Dibromochloromethane	10.977	129	74936	48.826	ug/l	99
61) 1,2-Dibromoethane	11.081	107	54827	48.017	ug/l	100
64) Tetrachloroethene	10.715	164	78539	49.383	ug/l	99
65) Chlorobenzene	11.508	112	229793	49.887	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.581	131	76040	49.260	ug/l	99
67) Ethyl Benzene	11.587	91	404960	50.667	ug/l	98
68) m/p-Xylenes	11.697	106	322884	103.820	ug/l	99
69) o-Xylene	12.026	106	150356	50.274	ug/l	99
70) Styrene	12.038	104	261102	52.847	ug/l	99
71) Bromoform	12.203	173	41357	48.827	ug/l #	100
73) Isopropylbenzene	12.325	105	397620	48.813	ug/l	99
74) N-amyl acetate	12.136	43	85100	51.018	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.575	83	66968	46.301	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	50920m	48.662	ug/l	
77) Bromobenzene	12.605	156	88903	47.193	ug/l	100
78) n-propylbenzene	12.666	91	477522	50.091	ug/l	99
79) 2-Chlorotoluene	12.751	91	261962	48.680	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	324398	50.248	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	20044	50.175	ug/l	90
82) 4-Chlorotoluene	12.849	91	268538	49.556	ug/l	98
83) tert-Butylbenzene	13.068	119	288135	48.223	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	327317	50.726	ug/l	100
85) sec-Butylbenzene	13.245	105	435403	51.092	ug/l	99
86) p-Isopropyltoluene	13.367	119	367649	50.888	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	185299	48.767	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	178947	47.993	ug/l	99
89) n-Butylbenzene	13.690	91	341652	52.466	ug/l	100
90) Hexachloroethane	13.959	117	70325	53.583	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	158442	48.814	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9274	44.281	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	84467	46.710	ug/l	98
94) Hexachlorobutadiene	15.105	225	45905	49.406	ug/l	98
95) Naphthalene	15.233	128	161187	47.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	72005	47.127	ug/l	99

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

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