

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
 Data File : VY018565.D
 Acq On : 11 Jun 2024 18:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2024
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 03:05:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	38573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	61955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	60365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35907	47.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.800%		
35) Dibromofluoromethane	7.709	113	32800	41.750	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.500%		
50) Toluene-d8	10.172	98	130799	41.850	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	83.700%		
62) 4-Bromofluorobenzene	12.477	95	43960	45.174	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	21847	35.663	ug/l	97
3) Chloromethane	2.107	50	68408	59.878	ug/l	95
4) Vinyl Chloride	2.241	62	86860	63.563	ug/l	100
5) Bromomethane	2.637	94	51677	56.682	ug/l	99
6) Chloroethane	2.783	64	54342	62.984	ug/l	95
7) Trichlorofluoromethane	3.113	101	76382	54.023	ug/l	93
8) Diethyl Ether	3.521	74	22345	52.525	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.881	101	41529	50.443	ug/l	86
10) Methyl Iodide	4.082	142	40301	49.836	ug/l	93
11) Tert butyl alcohol	4.941	59	22987	285.061	ug/l #	80
12) 1,1-Dichloroethene	3.856	96	39122	48.346	ug/l #	79
13) Acrolein	3.716	56	17965	231.693	ug/l	94
14) Allyl chloride	4.466	41	70509	59.495	ug/l #	91
15) Acrylonitrile	5.149	53	66036	339.428	ug/l	98
16) Acetone	3.929	43	54258	322.714	ug/l	89
17) Carbon Disulfide	4.179	76	109694	46.210	ug/l	98
18) Methyl Acetate	4.466	43	28294	67.297	ug/l	90
19) Methyl tert-butyl Ether	5.210	73	116691	59.834	ug/l	95
20) Methylene Chloride	4.704	84	55387	61.800	ug/l #	83
21) trans-1,2-Dichloroethene	5.204	96	47047	54.481	ug/l	86
22) Diisopropyl ether	6.106	45	169051	70.044	ug/l #	91
23) Vinyl Acetate	6.045	43	568656	362.034	ug/l #	91
24) 1,1-Dichloroethane	6.002	63	90740	60.277	ug/l	96
25) 2-Butanone	6.972	43	92833	360.422	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	66034	49.909	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	55321	55.072	ug/l	88
28) Bromochloromethane	7.325	49	41209	59.486	ug/l #	71
29) Tetrahydrofuran	7.337	42	62899	376.025	ug/l #	82
30) Chloroform	7.496	83	89796	59.474	ug/l	94
31) Cyclohexane	7.776	56	80820	57.222	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	73381	55.490	ug/l #	93
36) 1,1-Dichloropropene	7.910	75	67514	56.360	ug/l	94
37) Ethyl Acetate	7.063	43	41595	69.507	ug/l	97
38) Carbon Tetrachloride	7.892	117	62247	51.855	ug/l	98
39) Methylcyclohexane	9.178	83	86656	53.512	ug/l	90
40) Benzene	8.154	78	205674	57.303	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	20137	69.179	ug/l	91
42) 1,2-Dichloroethane	8.227	62	53606	61.432	ug/l	96
43) Isopropyl Acetate	8.264	43	78902	70.513	ug/l #	87
44) Trichloroethene	8.935	130	45497	51.151	ug/l	92
45) 1,2-Dichloropropane	9.209	63	49022	59.722	ug/l	99
46) Dibromomethane	9.300	93	27801	59.073	ug/l #	88
47) Bromodichloromethane	9.496	83	66068	58.483	ug/l	96
48) Methyl methacrylate	9.288	41	35199	68.371	ug/l	84
49) 1,4-Dioxane	9.288	88	7722	1249.483	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	217775	374.806	ug/l	89
52) Toluene	10.239	92	129981	58.880	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	64911	62.569	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	75765	59.314	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	38855	63.459	ug/l	96
56) Ethyl methacrylate	10.508	69	58782	68.224	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	67421	64.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	139254	300.970	ug/l	93
59) 2-Hexanone	10.831	43	152789	380.529	ug/l	89
60) Dibromochloromethane	10.983	129	44474	59.455	ug/l	96
61) 1,2-Dibromoethane	11.087	107	35683	61.888	ug/l	94
64) Tetrachloroethene	10.715	164	43127	48.502	ug/l	92
65) Chlorobenzene	11.513	112	135803	52.460	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	43268	51.691	ug/l	100
67) Ethyl Benzene	11.593	91	256532	54.444	ug/l	99
68) m/p-Xylenes	11.702	106	194656	109.713	ug/l	96
69) o-Xylene	12.026	106	91748	53.719	ug/l	94
70) Styrene	12.044	104	158418	56.770	ug/l	98
71) Bromoform	12.202	173	23461	53.203	ug/l #	97
73) Isopropylbenzene	12.324	105	245785	50.340	ug/l	98
74) N-amyl acetate	12.141	43	70833	59.601	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.580	83	47405	55.155	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	33408m	56.942	ug/l	
77) Bromobenzene	12.605	156	49237	47.496	ug/l	86
78) n-propylbenzene	12.672	91	306849	52.363	ug/l	97
79) 2-Chlorotoluene	12.757	91	164930	51.771	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	199530	52.471	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.373	75	15176	54.344	ug/l #	86
82) 4-Chlorotoluene	12.855	91	167761	52.331	ug/l	99
83) tert-Butylbenzene	13.074	119	180409	51.305	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	199186	53.503	ug/l	97
85) sec-Butylbenzene	13.251	105	276825	53.455	ug/l	98
86) p-Isopropyltoluene	13.367	119	224445	53.701	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	106519	52.090	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	100930	50.240	ug/l	98
89) n-Butylbenzene	13.696	91	219696	55.316	ug/l	97
90) Hexachloroethane	13.958	117	40037	51.107	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	91755	51.564	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.348	75	6655	50.884	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	43578	45.282	ug/l	98
94) Hexachlorobutadiene	15.110	225	22851	44.708	ug/l	98
95) Naphthalene	15.232	128	98317	50.868	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	37983	46.648	ug/l	96

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

