

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012278.D
 Acq On : 19 Jan 2023 20:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 03:26:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	252390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	393969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	357433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97196	46.158	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.320%		
35) Dibromofluoromethane	7.716	113	96381	46.202	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.400%		
50) Toluene-d8	10.179	98	342518	47.141	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.483	95	129421	44.010	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	92476	41.927	ug/l	98
3) Chloromethane	2.113	50	100470	49.343	ug/l	99
4) Vinyl Chloride	2.253	62	115096	48.428	ug/l	98
5) Bromomethane	2.650	94	84958	46.236	ug/l	96
6) Chloroethane	2.796	64	74215	47.881	ug/l	99
7) Trichlorofluoromethane	3.125	101	204839	44.161	ug/l	100
8) Diethyl Ether	3.528	74	68847	49.880	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	112592	49.874	ug/l	95
10) Methyl Iodide	4.095	142	156359	45.576	ug/l	99
11) Tert butyl alcohol	4.948	59	63311	255.277	ug/l	98
12) 1,1-Dichloroethene	3.869	96	115625	49.880	ug/l	97
13) Acrolein	3.735	56	14669	144.003	ug/l	98
14) Allyl chloride	4.479	41	161550	56.364	ug/l	96
15) Acrylonitrile	5.161	53	162348	269.285	ug/l	99
16) Acetone	3.942	43	145510	207.045	ug/l	99
17) Carbon Disulfide	4.192	76	354563	49.451	ug/l	99
18) Methyl Acetate	4.479	43	96247	61.202	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	325501	50.373	ug/l	96
20) Methylene Chloride	4.716	84	139383	46.861	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	131595	50.873	ug/l	93
22) Diisopropyl ether	6.119	45	329269	57.624	ug/l	96
23) Vinyl Acetate	6.058	43	943700	265.035	ug/l	95
24) 1,1-Dichloroethane	6.021	63	213450	53.855	ug/l	99
25) 2-Butanone	6.984	43	194919	251.225	ug/l	92
26) 2,2-Dichloropropane	6.978	77	197026	45.793	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	148820	52.376	ug/l	94
28) Bromochloromethane	7.332	49	44835	51.797	ug/l	85
29) Tetrahydrofuran	7.344	42	122410	287.226	ug/l	91
30) Chloroform	7.509	83	237254	50.710	ug/l	100
31) Cyclohexane	7.783	56	185851	50.505	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	214819	46.379	ug/l	98
36) 1,1-Dichloropropene	7.917	75	172276	48.593	ug/l	98
37) Ethyl Acetate	7.070	43	82038	52.490	ug/l #	96
38) Carbon Tetrachloride	7.899	117	200916	43.880	ug/l	96
39) Methylcyclohexane	9.185	83	214380	49.481	ug/l	96
40) Benzene	8.161	78	508038	49.649	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	52663m	57.325	ug/l	
42) 1,2-Dichloroethane	8.234	62	148510	45.588	ug/l	99
43) Isopropyl Acetate	8.271	43	152722	52.522	ug/l	95
44) Trichloroethene	8.941	130	149747	48.962	ug/l	99
45) 1,2-Dichloropropane	9.216	63	117677	55.114	ug/l	98
46) Dibromomethane	9.307	93	71447	49.984	ug/l	96
47) Bromodichloromethane	9.496	83	176618	49.086	ug/l	99
48) Methyl methacrylate	9.295	41	70808	52.850	ug/l	91
49) 1,4-Dioxane	9.301	88	19750	1014.001	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	410203	264.559	ug/l	96
52) Toluene	10.240	92	329545	48.369	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	182334	48.446	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	204519	50.458	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	100649	49.560	ug/l	96
56) Ethyl methacrylate	10.508	69	137485	51.602	ug/l	93
57) 1,3-Dichloropropane	10.788	76	170456	51.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	221300	251.024	ug/l	94
59) 2-Hexanone	10.831	43	293707	248.802	ug/l	95
60) Dibromochloromethane	10.983	129	130278	48.366	ug/l	99
61) 1,2-Dibromoethane	11.087	107	99237	50.640	ug/l	99
64) Tetrachloroethene	10.721	164	167109	51.236	ug/l	98
65) Chlorobenzene	11.514	112	355609	48.625	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	135248	48.995	ug/l	98
67) Ethyl Benzene	11.593	91	631622	48.325	ug/l	98
68) m/p-Xylenes	11.703	106	495354	95.855	ug/l	98
69) o-Xylene	12.026	106	237283	48.072	ug/l	98
70) Styrene	12.044	104	399186	48.402	ug/l	99
71) Bromoform	12.209	173	85551	48.509	ug/l	98
73) Isopropylbenzene	12.331	105	629302	49.464	ug/l	99
74) N-amyl acetate	12.142	43	128500	51.525	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	103967	51.882	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	85714m	52.833	ug/l	
77) Bromobenzene	12.611	156	149312	48.773	ug/l	95
78) n-propylbenzene	12.672	91	729576	49.006	ug/l	99
79) 2-Chlorotoluene	12.758	91	415106	49.315	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	532461	48.144	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	40315	51.201	ug/l	95
82) 4-Chlorotoluene	12.855	91	429767	48.606	ug/l	98
83) tert-Butylbenzene	13.075	119	456458	47.354	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	526152	48.240	ug/l	99
85) sec-Butylbenzene	13.251	105	662218	48.252	ug/l	98
86) p-Isopropyltoluene	13.367	119	568039	47.373	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	287749	47.260	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	285043	46.942	ug/l	99
89) n-Butylbenzene	13.696	91	501790	48.289	ug/l	99
90) Hexachloroethane	13.959	117	104970	48.492	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	254793	46.899	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19293	46.586	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	158108	45.419	ug/l	99
94) Hexachlorobutadiene	15.111	225	95538	45.583	ug/l	99
95) Naphthalene	15.239	128	325929	47.436	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	135902	45.368	ug/l	99

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

