

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014299.D
 Acq On : 20 Jun 2023 21:23
 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 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 02:10:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	211975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	316003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	136136	46.120	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.240%		
35) Dibromofluoromethane	7.722	113	119773	53.446	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.900%		
50) Toluene-d8	10.179	98	407377	48.623	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.240%		
62) 4-Bromofluorobenzene	12.483	95	167809	56.383	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	112.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	110257	46.671	ug/l	94
3) Chloromethane	2.113	50	125539	41.909	ug/l	99
4) Vinyl Chloride	2.253	62	132749	45.582	ug/l	98
5) Bromomethane	2.631	94	101594	42.279	ug/l	96
6) Chloroethane	2.784	64	87993	44.464	ug/l	99
7) Trichlorofluoromethane	3.119	101	251598	53.177	ug/l	100
8) Diethyl Ether	3.534	74	78682	49.804	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	131241	54.962	ug/l	99
10) Methyl Iodide	4.088	142	140436	44.540	ug/l	98
11) Tert butyl alcohol	4.966	59	101064	299.834	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	122148	50.469	ug/l	96
13) Acrolein	3.729	56	31378	227.290	ug/l	99
14) Allyl chloride	4.485	41	212996	48.550	ug/l	99
15) Acrylonitrile	5.167	53	244314	299.816	ug/l	100
16) Acetone	3.954	43	208326	234.137	ug/l	96
17) Carbon Disulfide	4.192	76	370852	47.286	ug/l	100
18) Methyl Acetate	4.485	43	195028	56.471	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	387127	54.233	ug/l	99
20) Methylene Chloride	4.716	84	186123	66.722	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	141383	52.375	ug/l	98
22) Diisopropyl ether	6.125	45	457597	54.477	ug/l	94
23) Vinyl Acetate	6.064	43	1390606	280.586	ug/l	100
24) 1,1-Dichloroethane	6.021	63	254770	52.605	ug/l	99
25) 2-Butanone	6.990	43	340624	310.999	ug/l	99
26) 2,2-Dichloropropane	6.984	77	211897	46.583	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	161783	53.574	ug/l	98
28) Bromochloromethane	7.338	49	87514	44.434	ug/l	96
29) Tetrahydrofuran	7.350	42	227242	327.196	ug/l	98
30) Chloroform	7.508	83	281298	54.748	ug/l	99
31) Cyclohexane	7.789	56	214067	54.136	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	253523	54.709	ug/l	99
36) 1,1-Dichloropropene	7.923	75	202550	57.974	ug/l	99
37) Ethyl Acetate	7.082	43	148851	61.747	ug/l	99
38) Carbon Tetrachloride	7.905	117	236990	58.781	ug/l	98
39) Methylcyclohexane	9.185	83	236677	61.056	ug/l	98
40) Benzene	8.167	78	587531	56.553	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	65882m	53.550	ug/l	
42) 1,2-Dichloroethane	8.240	62	205570	55.955	ug/l	99
43) Isopropyl Acetate	8.277	43	259339	61.380	ug/l	99
44) Trichloroethene	8.941	130	158322	57.038	ug/l	96
45) 1,2-Dichloropropane	9.222	63	148533	56.287	ug/l	99
46) Dibromomethane	9.307	93	93362	57.476	ug/l	100
47) Bromodichloromethane	9.502	83	217566	57.204	ug/l	99
48) Methyl methacrylate	9.295	41	120712	61.255	ug/l	97
49) 1,4-Dioxane	9.301	88	29735	1440.660	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	770501	335.664	ug/l	99
52) Toluene	10.246	92	371608	57.701	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	223817	55.901	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	240130	54.970	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	126262	58.604	ug/l	99
56) Ethyl methacrylate	10.514	69	185169	62.310	ug/l	97
57) 1,3-Dichloropropane	10.794	76	214409	58.187	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	394829	291.916	ug/l	98
59) 2-Hexanone	10.831	43	556027	335.378	ug/l	99
60) Dibromochloromethane	10.983	129	166085	60.229	ug/l	99
61) 1,2-Dibromoethane	11.093	107	125242	58.901	ug/l	99
64) Tetrachloroethene	10.721	164	167717	64.431	ug/l	98
65) Chlorobenzene	11.520	112	398354	54.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	161621	55.997	ug/l	99
67) Ethyl Benzene	11.593	91	730827	56.898	ug/l	99
68) m/p-Xylenes	11.703	106	558879	113.121	ug/l	100
69) o-Xylene	12.032	106	268877	57.563	ug/l	100
70) Styrene	12.044	104	462387	58.000	ug/l	99
71) Bromoform	12.209	173	119579	60.496	ug/l #	98
73) Isopropylbenzene	12.331	105	713322	53.829	ug/l	100
74) N-amyl acetate	12.142	43	240092	57.173	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	164646	55.604	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	110386m	48.435	ug/l	
77) Bromobenzene	12.611	156	181905	52.227	ug/l	97
78) n-propylbenzene	12.672	91	881288	54.448	ug/l	100
79) 2-Chlorotoluene	12.757	91	501529	53.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	620098	54.650	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	55242	52.396	ug/l	99
82) 4-Chlorotoluene	12.855	91	514524	52.134	ug/l	99
83) tert-Butylbenzene	13.074	119	522784	54.217	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	622221	55.398	ug/l	99
85) sec-Butylbenzene	13.251	105	783234	55.871	ug/l	100
86) p-Isopropyltoluene	13.367	119	661988	55.176	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	351452	52.850	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	347546	51.871	ug/l	100
89) n-Butylbenzene	13.696	91	623729	56.051	ug/l	99
90) Hexachloroethane	13.965	117	132368	55.367	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	322495	53.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	33011	58.543	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	200404	52.967	ug/l	99
94) Hexachlorobutadiene	15.111	225	121071	55.427	ug/l	98
95) Naphthalene	15.239	128	441318	57.466	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	183916	53.794	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

