

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012329.D
 Acq On : 23 Jan 2023 21:15
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 24 01:31:22 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	156495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69474	53.862	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.720%			
35) Dibromofluoromethane	7.716	113	60517	46.806	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.620%			
50) Toluene-d8	10.179	98	222602	49.661	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.320%			
62) 4-Bromofluorobenzene	12.483	95	86840	47.645	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	56652	41.424	ug/l	98
3) Chloromethane	2.113	50	56300	44.593	ug/l	98
4) Vinyl Chloride	2.253	62	66828	45.349	ug/l	99
5) Bromomethane	2.650	94	55392	48.618	ug/l	99
6) Chloroethane	2.796	64	47338	49.256	ug/l	94
7) Trichlorofluoromethane	3.125	101	139890	48.639	ug/l	98
8) Diethyl Ether	3.534	74	43255	50.542	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	66999	47.864	ug/l	94
10) Methyl Iodide	4.088	142	96068	45.161	ug/l	92
11) Tert butyl alcohol	4.948	59	38316	248.853	ug/l	100
12) 1,1-Dichloroethene	3.875	96	69630	48.445	ug/l	94
13) Acrolein	3.729	56	12282	207.977	ug/l	98
14) Allyl chloride	4.478	41	87088	49.003	ug/l #	83
15) Acrylonitrile	5.161	53	99884	267.197	ug/l	99
16) Acetone	3.948	43	92921	213.235	ug/l	99
17) Carbon Disulfide	4.192	76	208262	46.845	ug/l	99
18) Methyl Acetate	4.472	43	51724	53.045	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	215346	53.747	ug/l	92
20) Methylene Chloride	4.716	84	87280	47.419	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	80962	50.478	ug/l	92
22) Diisopropyl ether	6.118	45	186253	52.568	ug/l #	90
23) Vinyl Acetate	6.057	43	577848	261.730	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	127412	51.846	ug/l	98
25) 2-Butanone	6.984	43	115896	240.907	ug/l	90
26) 2,2-Dichloropropane	6.978	77	129399	48.504	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	92660	52.594	ug/l	93
28) Bromochloromethane	7.332	49	26176	48.771	ug/l #	73
29) Tetrahydrofuran	7.344	42	70438	266.554	ug/l #	80
30) Chloroform	7.508	83	154724	53.335	ug/l	100
31) Cyclohexane	7.783	56	104350	45.733	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	148563	51.728	ug/l	98
36) 1,1-Dichloropropene	7.917	75	106719	48.567	ug/l	97
37) Ethyl Acetate	7.069	43	48218	49.776	ug/l #	94
38) Carbon Tetrachloride	7.899	117	142653	50.266	ug/l	95
39) Methylcyclohexane	9.185	83	130058	48.433	ug/l	92
40) Benzene	8.161	78	321597	50.708	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	31844m	55.926	ug/l	
42) 1,2-Dichloroethane	8.234	62	108977	53.973	ug/l	99
43) Isopropyl Acetate	8.270	43	94145	52.238	ug/l #	94
44) Trichloroethene	8.941	130	94958	50.093	ug/l	97
45) 1,2-Dichloropropane	9.215	63	68885	52.052	ug/l	100
46) Dibromomethane	9.307	93	46915	52.955	ug/l	96
47) Bromodichloromethane	9.496	83	118367	53.077	ug/l	99
48) Methyl methacrylate	9.289	41	44077	53.079	ug/l	88
49) 1,4-Dioxane	9.295	88	12788	1059.309	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	254243	264.559	ug/l	94
52) Toluene	10.246	92	220183	52.142	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	122004	52.302	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	130227	51.838	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	66569	52.886	ug/l	97
56) Ethyl methacrylate	10.508	69	90016	54.511	ug/l	93
57) 1,3-Dichloropropane	10.788	76	110472	53.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	132563	242.607	ug/l #	89
59) 2-Hexanone	10.831	43	184928	252.750	ug/l	95
60) Dibromochloromethane	10.983	129	89511	53.616	ug/l	100
61) 1,2-Dibromoethane	11.087	107	63353	52.160	ug/l	100
64) Tetrachloroethene	10.721	164	110083	52.034	ug/l	98
65) Chlorobenzene	11.514	112	236355	49.824	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	92495	51.657	ug/l	97
67) Ethyl Benzene	11.593	91	421879	49.761	ug/l	98
68) m/p-Xylenes	11.703	106	339474	101.272	ug/l	98
69) o-Xylene	12.032	106	161891	50.563	ug/l	99
70) Styrene	12.044	104	274313	51.277	ug/l	98
71) Bromoform	12.209	173	58132	50.816	ug/l #	99
73) Isopropylbenzene	12.331	105	433249	50.076	ug/l	99
74) N-amyl acetate	12.142	43	81152	47.850	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	67580	49.591	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	61301m	55.563	ug/l	
77) Bromobenzene	12.611	156	104631	50.258	ug/l	91
78) n-propylbenzene	12.672	91	492540	48.650	ug/l	98
79) 2-Chlorotoluene	12.757	91	283490	49.525	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	376808	50.100	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	25927	48.420	ug/l	93
82) 4-Chlorotoluene	12.855	91	291491	48.478	ug/l	97
83) tert-Butylbenzene	13.074	119	318984	48.661	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	371720	50.116	ug/l	99
85) sec-Butylbenzene	13.251	105	455440	48.799	ug/l	98
86) p-Isopropyltoluene	13.367	119	403071	49.431	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	201669	48.706	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	201377	48.767	ug/l	99
89) n-Butylbenzene	13.696	91	336911	47.677	ug/l	98
90) Hexachloroethane	13.958	117	71009	48.238	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	181296	49.071	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14356	50.975	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	108656	45.899	ug/l	99
94) Hexachlorobutadiene	15.111	225	64365	45.159	ug/l	100
95) Naphthalene	15.239	128	222684	47.658	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	93582	45.938	ug/l	99

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

