

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
 Data File : VY020772.D
 Acq On : 03 Jan 2025 21:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
 Supervised By :Mahesh Dadoda 01/06/2025

Quant Time: Jan 03 22:33:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	178844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	276983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	235873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	117036	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	86971	59.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.740%
35) Dibromofluoromethane	7.652	113	89320	58.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.100%
50) Toluene-d8	10.115	98	340929	55.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.960%
62) 4-Bromofluorobenzene	12.414	95	115514	56.972	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	113.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	47373	33.653	ug/l	96
3) Chloromethane	2.086	50	35131	66.916	ug/l	97
4) Vinyl Chloride	2.221	62	32562	50.059	ug/l	97
5) Bromomethane	2.617	94	21712	44.209	ug/l	89
6) Chloroethane	2.757	64	21052	53.950	ug/l	100
7) Trichlorofluoromethane	3.080	101	91265	36.485	ug/l	97
8) Diethyl Ether	3.476	74	30338	50.968	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.842	101	58017	42.248	ug/l	96
10) Methyl Iodide	4.031	142	59996	39.953	ug/l	90
11) Tert butyl alcohol	4.866	59	22017	239.701	ug/l #	81
12) 1,1-Dichloroethene	3.812	96	56411	46.151	ug/l	99
13) Acrolein	3.678	56	3360	109.722	ug/l	99
14) Allyl chloride	4.409	41	79133	55.324	ug/l #	83
15) Acrylonitrile	5.080	53	64596	280.920	ug/l	97
16) Acetone	3.885	43	45460	244.624	ug/l	98
17) Carbon Disulfide	4.129	76	149059	49.713	ug/l	99
18) Methyl Acetate	4.403	43	32822	65.257	ug/l	93
19) Methyl tert-butyl Ether	5.141	73	153886	45.170	ug/l	98
20) Methylene Chloride	4.641	84	62856	52.005	ug/l	94
21) trans-1,2-Dichloroethene	5.141	96	64136	48.693	ug/l	98
22) Diisopropyl ether	6.043	45	175869	60.484	ug/l	90
23) Vinyl Acetate	5.982	43	469561	270.365	ug/l	97
24) 1,1-Dichloroethane	5.939	63	116109	53.260	ug/l	99
25) 2-Butanone	6.915	43	71923	286.506	ug/l	91
26) 2,2-Dichloropropane	6.909	77	89280	33.460	ug/l	96
27) cis-1,2-Dichloroethene	6.909	96	79730	50.547	ug/l	95
28) Bromochloromethane	7.262	49	35840	62.168	ug/l	86
29) Tetrahydrofuran	7.281	42	47378	307.470	ug/l	90
30) Chloroform	7.439	83	127808	45.574	ug/l	96
31) Cyclohexane	7.720	56	82401	43.789	ug/l	93
32) 1,1,1-Trichloroethane	7.634	97	119726	39.828	ug/l	98
36) 1,1-Dichloropropene	7.854	75	82948	41.159	ug/l	98
37) Ethyl Acetate	7.000	43	33182	49.966	ug/l	96
38) Carbon Tetrachloride	7.835	117	110483	33.292	ug/l	100
39) Methylcyclohexane	9.122	83	98354	38.076	ug/l	99
40) Benzene	8.091	78	263720	45.152	ug/l	99

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41) Methacrylonitrile	7.238	41	15883	47.347	ug/l #	88
42) 1,2-Dichloroethane	8.171	62	71436	38.143	ug/l	95
43) Isopropyl Acetate	8.207	43	66615	47.193	ug/l	98
44) Trichloroethene	8.878	130	71014	40.707	ug/l	98
45) 1,2-Dichloropropane	9.152	63	59052	49.947	ug/l	100
46) Dibromomethane	9.244	93	34267	41.889	ug/l	99
47) Bromodichloromethane	9.433	83	95714	41.270	ug/l	97
48) Methyl methacrylate	9.231	41	30172	45.772	ug/l	94
49) 1,4-Dioxane	9.231	88	8064	1034.883	ug/l	95
51) 4-Methyl-2-Pentanone	10.006	43	168979	248.019	ug/l	99
52) Toluene	10.182	92	172043	42.977	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	79651	39.103	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	93536	41.893	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	46940	44.953	ug/l	93
56) Ethyl methacrylate	10.451	69	61879	45.108	ug/l #	92
57) 1,3-Dichloropropane	10.725	76	78139	46.106	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.719	63	145856	304.904	ug/l	92
59) 2-Hexanone	10.768	43	109469	243.351	ug/l	99
60) Dibromochloromethane	10.920	129	68820	40.787	ug/l	100
61) 1,2-Dibromoethane	11.024	107	43246	44.014	ug/l	97
64) Tetrachloroethene	10.658	164	62578	38.832	ug/l	98
65) Chlorobenzene	11.451	112	194232	42.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	71026	39.694	ug/l	97
67) Ethyl Benzene	11.530	91	334322	41.416	ug/l	98
68) m/p-Xylenes	11.640	106	257718	83.696	ug/l	96
69) o-Xylene	11.963	106	123705	42.048	ug/l	97
70) Styrene	11.981	104	207072	41.928	ug/l	98
71) Bromoform	12.139	173	40937	39.794	ug/l #	100
73) Isopropylbenzene	12.261	105	331725	40.911	ug/l	99
74) N-amyl acetate	12.079	43	55146	47.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	49217	47.348	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	32287m	43.375	ug/l	
77) Bromobenzene	12.542	156	78234	41.914	ug/l	97
78) n-propylbenzene	12.603	91	378513	41.650	ug/l	99
79) 2-Chlorotoluene	12.688	91	221192	42.694	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	266422	39.437	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	13485	35.808	ug/l	90
82) 4-Chlorotoluene	12.786	91	226062	42.221	ug/l	98
83) tert-Butylbenzene	13.005	119	249946	39.618	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	263933	40.148	ug/l	96
85) sec-Butylbenzene	13.182	105	345818	40.672	ug/l	100
86) p-Isopropyltoluene	13.304	119	296458	39.123	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	151188	41.443	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	148444	40.905	ug/l	98
89) n-Butylbenzene	13.627	91	250628	39.623	ug/l	98
90) Hexachloroethane	13.889	117	58788	40.800	ug/l	94
91) 1,2-Dichlorobenzene	13.670	146	131563	42.061	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	7385	36.631	ug/l	95
93) 1,2,4-Trichlorobenzene	14.932	180	75078	37.762	ug/l	100
94) Hexachlorobutadiene	15.035	225	48597	33.538	ug/l	99
95) Naphthalene	15.157	128	119684	37.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	63251	38.209	ug/l	99

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

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