

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
 Data File : VY020957.D
 Acq On : 29 Jan 2025 08:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 30 00:30:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	270207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	384105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	329903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	162474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	109299	50.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.460%
35) Dibromofluoromethane	7.646	113	115415	52.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.680%
50) Toluene-d8	10.115	98	440661	51.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.414	95	148312	52.103	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	108042	52.865	ug/l	98
3) Chloromethane	2.074	50	82524	54.290	ug/l	97
4) Vinyl Chloride	2.214	62	89524	54.038	ug/l	98
5) Bromomethane	2.605	94	58007	51.696	ug/l	100
6) Chloroethane	2.745	64	53205	54.741	ug/l	99
7) Trichlorofluoromethane	3.074	101	189042	53.707	ug/l	99
8) Diethyl Ether	3.464	74	57999	53.613	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	124891	53.774	ug/l	99
10) Methyl Iodide	4.019	142	144797	52.314	ug/l	100
11) Tert butyl alcohol	4.872	59	39841	239.558	ug/l	99
12) 1,1-Dichloroethene	3.806	96	118267	53.921	ug/l	95
13) Acrolein	3.659	56	65076	288.637	ug/l	97
14) Allyl chloride	4.397	41	168696	55.106	ug/l	99
15) Acrylonitrile	5.074	53	125166	294.340	ug/l	99
16) Acetone	3.879	43	87330	299.186	ug/l	98
17) Carbon Disulfide	4.123	76	364711	53.843	ug/l	99
18) Methyl Acetate	4.403	43	61192	58.032	ug/l	97
19) Methyl tert-butyl Ether	5.129	73	285752	56.249	ug/l	99
20) Methylene Chloride	4.629	84	117740	54.236	ug/l	99
21) trans-1,2-Dichloroethene	5.135	96	126352	53.430	ug/l	95
22) Diisopropyl ether	6.031	45	342792	55.669	ug/l	98
23) Vinyl Acetate	5.970	43	984725	288.948	ug/l	100
24) 1,1-Dichloroethane	5.927	63	213384	54.667	ug/l	99
25) 2-Butanone	6.903	43	147331	297.971	ug/l	94
26) 2,2-Dichloropropane	6.897	77	205904	53.555	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	144465	54.129	ug/l	99
28) Bromochloromethane	7.256	49	86433	55.019	ug/l	98
29) Tetrahydrofuran	7.275	42	98890	300.095	ug/l	99
30) Chloroform	7.433	83	223514	54.103	ug/l	98
31) Cyclohexane	7.713	56	195093	50.853	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	216897	54.127	ug/l	99
36) 1,1-Dichloropropene	7.848	75	169203	54.959	ug/l	99
37) Ethyl Acetate	6.994	43	69273	57.995	ug/l	98
38) Carbon Tetrachloride	7.829	117	206527	55.626	ug/l	99
39) Methylcyclohexane	9.116	83	229571	55.080	ug/l	98
40) Benzene	8.091	78	496491	54.970	ug/l	100

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41) Methacrylonitrile	7.226	41	37204	58.961	ug/l	97
42) 1,2-Dichloroethane	8.165	62	127571	56.763	ug/l	99
43) Isopropyl Acetate	8.207	43	135380	59.769	ug/l	99
44) Trichloroethene	8.872	130	135919	55.391	ug/l	99
45) 1,2-Dichloropropane	9.152	63	112310	56.332	ug/l	98
46) Dibromomethane	9.238	93	65687	57.953	ug/l	99
47) Bromodichloromethane	9.433	83	168530	55.882	ug/l	98
48) Methyl methacrylate	9.225	41	63392	59.329	ug/l	99
49) 1,4-Dioxane	9.238	88	15291	1310.249	ug/l	99
51) 4-Methyl-2-Pentanone	10.006	43	349433	305.957	ug/l	100
52) Toluene	10.176	92	321890	55.413	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	159368	57.633	ug/l	100
54) cis-1,3-Dichloropropene	9.866	75	186921	56.611	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	88213	57.576	ug/l	98
56) Ethyl methacrylate	10.445	69	120163	59.845	ug/l	100
57) 1,3-Dichloropropane	10.725	76	149963	57.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	250613	274.998	ug/l	99
59) 2-Hexanone	10.768	43	228951	311.750	ug/l	99
60) Dibromochloromethane	10.920	129	122717	56.911	ug/l	99
61) 1,2-Dibromoethane	11.024	107	84063	57.365	ug/l	99
64) Tetrachloroethene	10.652	164	123835	53.939	ug/l	97
65) Chlorobenzene	11.451	112	351164	54.433	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	125121	54.579	ug/l	100
67) Ethyl Benzene	11.524	91	619381	55.021	ug/l	100
68) m/p-Xylenes	11.633	106	478440	110.994	ug/l	100
69) o-Xylene	11.963	106	224190	55.680	ug/l	100
70) Styrene	11.975	104	374196	56.707	ug/l	99
71) Bromoform	12.139	173	75999	58.545	ug/l #	99
73) Isopropylbenzene	12.261	105	601215	53.728	ug/l	100
74) N-amyl acetate	12.079	43	115430	57.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	98222	56.416	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	63183m	55.001	ug/l	
77) Bromobenzene	12.542	156	140627	53.613	ug/l	99
78) n-propylbenzene	12.603	91	712604	54.671	ug/l	100
79) 2-Chlorotoluene	12.688	91	399118	53.988	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	489515	54.443	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	34336	57.747	ug/l	96
82) 4-Chlorotoluene	12.786	91	406933	53.905	ug/l	100
83) tert-Butylbenzene	13.005	119	447598	53.971	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	484565	54.743	ug/l	99
85) sec-Butylbenzene	13.182	105	641127	54.221	ug/l	99
86) p-Isopropyltoluene	13.298	119	541987	54.255	ug/l	100
87) 1,3-Dichlorobenzene	13.298	146	269692	53.693	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	265340	53.777	ug/l	100
89) n-Butylbenzene	13.627	91	485230	55.067	ug/l	99
90) Hexachloroethane	13.889	117	107718	54.282	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	234544	53.897	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	14405	55.076	ug/l	95
93) 1,2,4-Trichlorobenzene	14.932	180	145291	55.500	ug/l	99
94) Hexachlorobutadiene	15.035	225	94765	52.909	ug/l	99
95) Naphthalene	15.157	128	240298	57.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	120303	54.699	ug/l	99

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

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