

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020975.D
 Acq On : 30 Jan 2025 09:36
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2025
 Supervised By : Mahesh Dadoda 01/31/2025

Quant Time: Jan 31 02:00:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 01:50:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	243560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	361492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	310695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	156624	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	40915	19.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.460%#
35) Dibromofluoromethane	7.640	113	42222	19.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.860%#
50) Toluene-d8	10.109	98	171572	20.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.460%#
62) 4-Bromofluorobenzene	12.408	95	56860	19.977	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	40207	19.414	ug/l	99
3) Chloromethane	2.074	50	24641	18.715	ug/l	96
4) Vinyl Chloride	2.208	62	26074	19.206	ug/l	98
5) Bromomethane	2.598	94	16712	18.185	ug/l	95
6) Chloroethane	2.739	64	14693	18.528	ug/l	100
7) Trichlorofluoromethane	3.062	101	64013	19.539	ug/l	97
8) Diethyl Ether	3.458	74	18412	18.825	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	42590	19.306	ug/l	99
10) Methyl Iodide	4.013	142	47287	18.732	ug/l	100
11) Tert butyl alcohol	4.866	59	14627	96.560	ug/l	95
12) 1,1-Dichloroethene	3.793	96	39655	19.235	ug/l	96
13) Acrolein	3.659	56	17402	99.760	ug/l	97
14) Allyl chloride	4.391	41	54711	19.277	ug/l	99
15) Acrylonitrile	5.068	53	38509	95.721	ug/l	98
16) Acetone	3.873	43	25828	91.382	ug/l	94
17) Carbon Disulfide	4.117	76	123781	19.494	ug/l	99
18) Methyl Acetate	4.385	43	18774	18.983	ug/l	98
19) Methyl tert-butyl Ether	5.129	73	92316	19.238	ug/l	99
20) Methylene Chloride	4.622	84	40791	19.568	ug/l	98
21) trans-1,2-Dichloroethene	5.129	96	43360	19.617	ug/l	98
22) Diisopropyl ether	6.031	45	118582	20.497	ug/l	98
23) Vinyl Acetate	5.964	43	318032	99.266	ug/l	99
24) 1,1-Dichloroethane	5.927	63	74949	20.081	ug/l	99
25) 2-Butanone	6.896	43	45886	95.700	ug/l	97
26) 2,2-Dichloropropane	6.890	77	72969	19.857	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	49651	19.543	ug/l	98
28) Bromochloromethane	7.256	49	26398	18.984	ug/l	99
29) Tetrahydrofuran	7.274	42	31316	97.060	ug/l	99
30) Chloroform	7.427	83	81389	20.134	ug/l	97
31) Cyclohexane	7.707	56	73561	20.164	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	78266	20.005	ug/l	99
36) 1,1-Dichloropropene	7.841	75	61790	19.930	ug/l	100
37) Ethyl Acetate	6.988	43	22788	19.715	ug/l	99
38) Carbon Tetrachloride	7.823	117	76998	20.069	ug/l	99
39) Methylcyclohexane	9.116	83	84514	20.292	ug/l	96
40) Benzene	8.085	78	182999	20.060	ug/l	100

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41) Methacrylonitrile	7.220	41	10709m	16.745	ug/l	
42) 1,2-Dichloroethane	8.158	62	45848	19.817	ug/l	99
43) Isopropyl Acetate	8.201	43	44087	19.093	ug/l	95
44) Trichloroethene	8.872	130	50572	20.090	ug/l	100
45) 1,2-Dichloropropane	9.146	63	41928	20.506	ug/l	94
46) Dibromomethane	9.231	93	24167	20.310	ug/l	98
47) Bromodichloromethane	9.427	83	63927	20.458	ug/l	95
48) Methyl methacrylate	9.225	41	22460	20.430	ug/l	97
49) 1,4-Dioxane	9.238	88	5018	396.870	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	119932	101.078	ug/l	100
52) Toluene	10.176	92	123766	20.901	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	56984	20.152	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	69825	20.660	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	31827	20.113	ug/l	97
56) Ethyl methacrylate	10.445	69	40754	19.703	ug/l	99
57) 1,3-Dichloropropane	10.719	76	54972	20.496	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	89956	102.465	ug/l	98
59) 2-Hexanone	10.762	43	77715	100.767	ug/l	98
60) Dibromochloromethane	10.914	129	44962	19.928	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30314	20.056	ug/l	99
64) Tetrachloroethene	10.652	164	47346	20.202	ug/l	99
65) Chlorobenzene	11.444	112	132673	20.268	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	47158	20.298	ug/l	99
67) Ethyl Benzene	11.524	91	231298	20.408	ug/l	99
68) m/p-Xylenes	11.633	106	180998	41.565	ug/l	99
69) o-Xylene	11.957	106	83422	20.608	ug/l	100
70) Styrene	11.975	104	138733	20.642	ug/l	99
71) Bromoform	12.139	173	26575	19.409	ug/l #	99
73) Isopropylbenzene	12.261	105	225770	20.524	ug/l	99
74) N-amyl acetate	12.078	43	39142	19.541	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	35519	20.004	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	25275m	19.937	ug/l	
77) Bromobenzene	12.536	156	52328	20.065	ug/l	99
78) n-propylbenzene	12.603	91	267957	20.785	ug/l	100
79) 2-Chlorotoluene	12.682	91	151888	20.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	187194	20.772	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	11814	19.779	ug/l	97
82) 4-Chlorotoluene	12.780	91	157401	20.938	ug/l	99
83) tert-Butylbenzene	13.005	119	172970	20.694	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	183481	20.842	ug/l	100
85) sec-Butylbenzene	13.182	105	243989	20.619	ug/l	100
86) p-Isopropyltoluene	13.298	119	203607	20.474	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	102938	20.243	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	101227	20.047	ug/l	98
89) n-Butylbenzene	13.621	91	180408	20.254	ug/l	100
90) Hexachloroethane	13.889	117	39912	19.839	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	89002	20.071	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5124	18.744	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	51012	18.788	ug/l	97
94) Hexachlorobutadiene	15.029	225	36760	19.548	ug/l	99
95) Naphthalene	15.151	128	77786	18.927	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	42265	19.164	ug/l	99

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

