

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020982.D
 Acq On : 30 Jan 2025 13:33
 Operator : SY/MD
 Sample : VY0130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Quant Time: Jan 31 04:39:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	237871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	343437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	152703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	108411	53.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.060%			
35) Dibromofluoromethane	7.640	113	111790	54.144	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.280%			
50) Toluene-d8	10.109	98	433498	53.793	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.580%			
62) 4-Bromofluorobenzene	12.414	95	149554	55.307	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 110.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	40727	20.136	ug/l	100
3) Chloromethane	2.074	50	25823	20.082	ug/l	96
4) Vinyl Chloride	2.214	62	26219	19.775	ug/l	98
5) Bromomethane	2.598	94	18730	20.868	ug/l	100
6) Chloroethane	2.739	64	15303	19.758	ug/l	93
7) Trichlorofluoromethane	3.068	101	64469	20.149	ug/l	99
8) Diethyl Ether	3.464	74	20425	21.383	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	44711	20.752	ug/l	99
10) Methyl Iodide	4.013	142	42047	17.054	ug/l	99
11) Tert butyl alcohol	4.872	59	16343	110.469	ug/l	96
12) 1,1-Dichloroethene	3.799	96	41670	20.696	ug/l	98
13) Acrolein	3.665	56	21237	124.657	ug/l	99
14) Allyl chloride	4.397	41	56472	20.373	ug/l	100
15) Acrylonitrile	5.080	53	42478	108.112	ug/l	98
16) Acetone	3.879	43	29431	106.621	ug/l	99
17) Carbon Disulfide	4.116	76	123764	19.958	ug/l	99
18) Methyl Acetate	4.397	43	20408	21.129	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	100303	21.403	ug/l	98
20) Methylene Chloride	4.629	84	43237	21.238	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	44452	20.592	ug/l	97
22) Diisopropyl ether	6.031	45	117858	20.859	ug/l	99
23) Vinyl Acetate	5.970	43	333828	106.689	ug/l	99
24) 1,1-Dichloroethane	5.921	63	73763	20.236	ug/l	99
25) 2-Butanone	6.903	43	49526	105.762	ug/l	100
26) 2,2-Dichloropropane	6.890	77	72475	20.195	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	50774	20.463	ug/l	100
28) Bromochloromethane	7.256	49	27946	20.578	ug/l	98
29) Tetrahydrofuran	7.268	42	33482	106.255	ug/l	99
30) Chloroform	7.433	83	79989	20.261	ug/l	97
31) Cyclohexane	7.707	56	70789	19.868	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	77622	20.315	ug/l	99
36) 1,1-Dichloropropene	7.841	75	59907	20.339	ug/l	99
37) Ethyl Acetate	6.994	43	25171	22.922	ug/l	97
38) Carbon Tetrachloride	7.823	117	74379	20.406	ug/l	97
39) Methylcyclohexane	9.116	83	80965	20.462	ug/l	97
40) Benzene	8.085	78	179603	20.723	ug/l	99

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41) Methacrylonitrile	7.238	41	12666m	20.846	ug/l	
42) 1,2-Dichloroethane	8.165	62	45420	20.664	ug/l	99
43) Isopropyl Acetate	8.201	43	46888	21.373	ug/l #	83
44) Trichloroethene	8.872	130	48471	20.268	ug/l	98
45) 1,2-Dichloropropane	9.146	63	40359	20.776	ug/l	99
46) Dibromomethane	9.237	93	23583	20.861	ug/l	99
47) Bromodichloromethane	9.426	83	61167	20.604	ug/l	95
48) Methyl methacrylate	9.225	41	22095	21.154	ug/l	100
49) 1,4-Dioxane	9.244	88	5182	431.386	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	121887	108.126	ug/l	100
52) Toluene	10.176	92	116603	20.727	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	55773	20.760	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	66067	20.576	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	31614	21.028	ug/l	98
56) Ethyl methacrylate	10.445	69	40641	20.681	ug/l	98
57) 1,3-Dichloropropane	10.725	76	53669	21.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	94316	113.079	ug/l	99
59) 2-Hexanone	10.768	43	78326	106.898	ug/l	99
60) Dibromochloromethane	10.914	129	45437	21.197	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30774	21.431	ug/l	97
64) Tetrachloroethene	10.652	164	45652	20.300	ug/l	96
65) Chlorobenzene	11.451	112	128924	20.525	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	45168	20.261	ug/l	97
67) Ethyl Benzene	11.524	91	222126	20.424	ug/l	98
68) m/p-Xylenes	11.633	106	171630	41.075	ug/l	99
69) o-Xylene	11.963	106	80130	20.629	ug/l	100
70) Styrene	11.975	104	134646	20.878	ug/l	100
71) Bromoform	12.139	173	27607	21.012	ug/l #	99
73) Isopropylbenzene	12.261	105	219529	20.470	ug/l	100
74) N-amyl acetate	12.078	43	39949	20.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	35370	20.431	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	26248m	21.714	ug/l	
77) Bromobenzene	12.536	156	52160	20.514	ug/l	99
78) n-propylbenzene	12.603	91	257061	20.452	ug/l	99
79) 2-Chlorotoluene	12.688	91	145616	20.334	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	180405	20.532	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	12097	20.773	ug/l	95
82) 4-Chlorotoluene	12.786	91	150967	20.598	ug/l	99
83) tert-Butylbenzene	13.005	119	164004	20.126	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	178971	20.852	ug/l	100
85) sec-Butylbenzene	13.182	105	238194	20.646	ug/l	99
86) p-Isopropyltoluene	13.298	119	201033	20.735	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	101841	20.541	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	101308	20.578	ug/l	99
89) n-Butylbenzene	13.627	91	176954	20.376	ug/l	99
90) Hexachloroethane	13.889	117	38415	19.585	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	90178	20.858	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5375	20.167	ug/l	96
93) 1,2,4-Trichlorobenzene	14.932	180	51836	19.582	ug/l	99
94) Hexachlorobutadiene	15.035	225	36239	19.766	ug/l	99
95) Naphthalene	15.151	128	85603	20.820	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	44028	20.168	ug/l	98

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

