

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020974.D
 Acq On : 30 Jan 2025 09:13
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 31 08:50:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 08:35:23 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	230863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	341494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	289574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	145790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	22457	11.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.860%#		
35) Dibromofluoromethane	7.640	113	23031	11.218	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	22.440%#		
50) Toluene-d8	10.109	98	86455	10.789	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	21.580%#		
62) 4-Bromofluorobenzene	12.414	95	28452	10.582	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	21.160%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	21324	10.863	ug/l	99
3) Chloromethane	2.074	50	14221	11.395	ug/l	98
4) Vinyl Chloride	2.208	62	14690	11.416	ug/l	98
5) Bromomethane	2.605	94	10225	11.738	ug/l	100
6) Chloroethane	2.745	64	8761	11.655	ug/l	89
7) Trichlorofluoromethane	3.068	101	34317	11.051	ug/l	99
8) Diethyl Ether	3.458	74	10678	11.518	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.824	101	23412	11.196	ug/l	98
10) Methyl Iodide	4.013	142	24796	10.363	ug/l	100
11) Tert butyl alcohol	4.879	59	10067	73.512	ug/l #	86
12) 1,1-Dichloroethene	3.799	96	21794	11.153	ug/l	93
13) Acrolein	3.659	56	9861	59.639	ug/l	97
14) Allyl chloride	4.391	41	29423	10.937	ug/l	99
15) Acrylonitrile	5.080	53	22836	59.885	ug/l	98
16) Acetone	3.879	43	17137	63.967	ug/l	98
17) Carbon Disulfide	4.116	76	65987	10.964	ug/l #	95
18) Methyl Acetate	4.397	43	11528	12.297	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	52002	11.433	ug/l	100
20) Methylene Chloride	4.622	84	22442	11.358	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	22911	10.935	ug/l	90
22) Diisopropyl ether	6.025	45	62498	11.397	ug/l	96
23) Vinyl Acetate	5.970	43	176126	57.997	ug/l	99
24) 1,1-Dichloroethane	5.921	63	39012	11.028	ug/l	97
25) 2-Butanone	6.903	43	27925	61.444	ug/l	99
26) 2,2-Dichloropropane	6.890	77	39032	11.206	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	26228	10.891	ug/l	98
28) Bromochloromethane	7.250	49	14969	11.357	ug/l	97
29) Tetrahydrofuran	7.274	42	18589	60.783	ug/l	98
30) Chloroform	7.427	83	42724	11.150	ug/l	98
31) Cyclohexane	7.707	56	38967	11.269	ug/l #	93
32) 1,1,1-Trichloroethane	7.622	97	40634	10.958	ug/l	100
36) 1,1-Dichloropropene	7.841	75	32077	10.952	ug/l	100
37) Ethyl Acetate	6.994	43	12530	11.475	ug/l #	95
38) Carbon Tetrachloride	7.823	117	39528	10.906	ug/l	91
39) Methylcyclohexane	9.116	83	40495	10.292	ug/l	95
40) Benzene	8.085	78	94590	10.976	ug/l	99

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41) Methacrylonitrile	7.220	41	6083	10.069	ug/l #	64
42) 1,2-Dichloroethane	8.158	62	24572	11.243	ug/l	98
43) Isopropyl Acetate	8.201	43	25196	11.550	ug/l #	83
44) Trichloroethene	8.872	130	25792	10.846	ug/l	99
45) 1,2-Dichloropropane	9.146	63	21565	11.164	ug/l	91
46) Dibromomethane	9.238	93	12618	11.225	ug/l	99
47) Bromodichloromethane	9.426	83	32874	11.136	ug/l	97
48) Methyl methacrylate	9.225	41	11391	10.968	ug/l	96
49) 1,4-Dioxane	9.238	88	2873	240.530	ug/l	88
51) 4-Methyl-2-Pentanone	10.006	43	65413	58.358	ug/l	99
52) Toluene	10.176	92	59341	10.608	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	28819	10.788	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	34263	10.732	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	17349	11.606	ug/l	96
56) Ethyl methacrylate	10.445	69	20824	10.657	ug/l	99
57) 1,3-Dichloropropane	10.719	76	28919	11.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	43250	52.149	ug/l	100
59) 2-Hexanone	10.768	43	42193	57.912	ug/l	97
60) Dibromochloromethane	10.914	129	23837	11.184	ug/l	97
61) 1,2-Dibromoethane	11.018	107	16026	11.224	ug/l	98
64) Tetrachloroethene	10.652	164	24354	11.149	ug/l	98
65) Chlorobenzene	11.444	112	67071	10.994	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	24538	11.332	ug/l	97
67) Ethyl Benzene	11.524	91	112694	10.668	ug/l	99
68) m/p-Xylenes	11.633	106	87322	21.516	ug/l	100
69) o-Xylene	11.963	106	39884	10.571	ug/l	98
70) Styrene	11.975	104	67406	10.761	ug/l	99
71) Bromoform	12.139	173	14588	11.431	ug/l #	99
73) Isopropylbenzene	12.261	105	107981	10.546	ug/l	100
74) N-amyl acetate	12.078	43	20683	11.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	19747	11.948	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	13797m	11.955	ug/l	
77) Bromobenzene	12.536	156	26888	11.076	ug/l	100
78) n-propylbenzene	12.603	91	129281	10.773	ug/l	100
79) 2-Chlorotoluene	12.688	91	73810	10.796	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	89952	10.723	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	6367	11.452	ug/l	98
82) 4-Chlorotoluene	12.786	91	74498	10.646	ug/l	98
83) tert-Butylbenzene	13.005	119	81261	10.445	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	87329	10.657	ug/l	99
85) sec-Butylbenzene	13.182	105	119323	10.833	ug/l	100
86) p-Isopropyltoluene	13.298	119	97334	10.515	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	51135	10.803	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	51217	10.897	ug/l	97
89) n-Butylbenzene	13.621	91	86078	10.382	ug/l	99
90) Hexachloroethane	13.889	117	19824	10.586	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	45821	11.101	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2921	11.479	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	24652	9.754	ug/l	98
94) Hexachlorobutadiene	15.029	225	18065	10.320	ug/l	98
95) Naphthalene	15.151	128	38966	12.082	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	20839	12.266	ug/l	98

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

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