

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020779.D
 Acq On : 06 Jan 2025 11:31
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 07 01:06:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 00:58:55 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/07/2025
 Supervised By :Semsettin Yesilyurt 01/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	176020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	258104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	215680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	103466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	220870	147.630	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 295.260%#			
35) Dibromofluoromethane	7.640	113	229255	141.778	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 283.560%#			
50) Toluene-d8	10.109	98	877140	155.607	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 311.220%#			
62) 4-Bromofluorobenzene	12.414	95	290862	139.730	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 279.460%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	179090	138.636	ug/l	99
3) Chloromethane	2.074	50	95919	141.021	ug/l	99
4) Vinyl Chloride	2.208	62	109209	144.433	ug/l	99
5) Bromomethane	2.592	94	75859	140.858	ug/l	100
6) Chloroethane	2.738	64	68331	146.532	ug/l	100
7) Trichlorofluoromethane	3.068	101	332694	143.361	ug/l	95
8) Diethyl Ether	3.458	74	102973	141.892	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	223863	142.847	ug/l	100
10) Methyl Iodide	4.013	142	253546	150.969	ug/l	99
11) Tert butyl alcohol	4.866	59	68676	607.483	ug/l	99
12) 1,1-Dichloroethene	3.799	96	202799	147.742	ug/l	97
13) Acrolein	3.665	56	12628	397.759	ug/l	96
14) Allyl chloride	4.391	41	286947	144.898	ug/l	98
15) Acrylonitrile	5.061	53	215031	697.179	ug/l	99
16) Acetone	3.872	43	143850	676.145	ug/l	100
17) Carbon Disulfide	4.110	76	461778	155.074	ug/l	98
18) Methyl Acetate	4.397	43	101645	141.498	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	538464	139.000	ug/l	99
20) Methylene Chloride	4.628	84	205658	139.973	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	218119	144.296	ug/l	96
22) Diisopropyl ether	6.031	45	576134	136.572	ug/l	98
23) Vinyl Acetate	5.963	43	1623770	698.099	ug/l	99
24) 1,1-Dichloroethane	5.921	63	392807	141.133	ug/l	99
25) 2-Butanone	6.902	43	237724	680.226	ug/l	94
26) 2,2-Dichloropropane	6.896	77	403400	139.597	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	269985	141.561	ug/l	99
28) Bromochloromethane	7.250	49	116889	155.640	ug/l #	4
29) Tetrahydrofuran	7.268	42	155348	695.859	ug/l	99
30) Chloroform	7.427	83	439618	138.506	ug/l	100
31) Cyclohexane	7.707	56	293904	135.004	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	434628	140.384	ug/l	99
36) 1,1-Dichloropropene	7.841	75	294743	142.907	ug/l	99
37) Ethyl Acetate	6.994	43	112056	136.527	ug/l	100
38) Carbon Tetrachloride	7.823	117	413318	143.964	ug/l	99
39) Methylcyclohexane	9.115	83	375883	148.517	ug/l	99
40) Benzene	8.085	78	897609	141.802	ug/l	100

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41) Methacrylonitrile	7.232	41	69667	148.209	ug/l	97
42) 1,2-Dichloroethane	8.164	62	244272	141.307	ug/l	100
43) Isopropyl Acetate	8.201	43	234448	140.438	ug/l	100
44) Trichloroethene	8.872	130	251295	142.409	ug/l	99
45) 1,2-Dichloropropane	9.146	63	200102	139.441	ug/l	98
46) Dibromomethane	9.237	93	116895	141.855	ug/l	99
47) Bromodichloromethane	9.426	83	333620	141.363	ug/l	99
48) Methyl methacrylate	9.225	41	112030	149.689	ug/l	99
49) 1,4-Dioxane	9.231	88	25586	2924.386	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	575707	690.288	ug/l	99
52) Toluene	10.176	92	598309	142.736	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	308170	146.816	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	349922	143.543	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	162615	138.130	ug/l	97
56) Ethyl methacrylate	10.444	69	225277	151.521	ug/l	97
57) 1,3-Dichloropropane	10.719	76	269394	140.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	431083	730.874	ug/l	99
59) 2-Hexanone	10.761	43	384601	718.804	ug/l	99
60) Dibromochloromethane	10.914	129	238921	139.932	ug/l	99
61) 1,2-Dibromoethane	11.017	107	149961	141.887	ug/l	99
64) Tetrachloroethene	10.652	164	225333	142.102	ug/l	97
65) Chlorobenzene	11.444	112	673005	141.131	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	250790	138.147	ug/l	99
67) Ethyl Benzene	11.523	91	1182671	143.248	ug/l	99
68) m/p-Xylenes	11.633	106	898303	282.599	ug/l	99
69) o-Xylene	11.962	106	427379	141.802	ug/l	99
70) Styrene	11.975	104	718912	141.702	ug/l	99
71) Bromoform	12.139	173	143825	139.365	ug/l #	100
73) Isopropylbenzene	12.261	105	1162180	141.588	ug/l	100
74) N-amyl acetate	12.072	43	200018	148.973	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	169153	135.968	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	122277m	133.511	ug/l	
77) Bromobenzene	12.535	156	267760	141.489	ug/l	98
78) n-propylbenzene	12.603	91	1326411	142.370	ug/l	99
79) 2-Chlorotoluene	12.682	91	756633	141.028	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	938162	141.034	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	62079	144.587	ug/l	99
82) 4-Chlorotoluene	12.785	91	771706	139.378	ug/l	99
83) tert-Butylbenzene	13.005	119	891773	143.335	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	920950	141.774	ug/l	100
85) sec-Butylbenzene	13.182	105	1224969	140.959	ug/l	99
86) p-Isopropyltoluene	13.298	119	1058709	142.810	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	509985	138.692	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	501273	138.489	ug/l	99
89) n-Butylbenzene	13.621	91	938173	145.872	ug/l	99
90) Hexachloroethane	13.889	117	212012	142.425	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	442265	137.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	29151	144.919	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	299677	161.964	ug/l	99
94) Hexachlorobutadiene	15.029	225	201708	154.638	ug/l	100
95) Naphthalene	15.151	128	509646	167.358	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	253691	163.656	ug/l	98

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

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