

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
 Data File : VY020769.D
 Acq On : 03 Jan 2025 15:05
 Operator : SY/MD
 Sample : VY0103SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/06/2025
 Supervised By : Mahesh Dadoda 01/06/2025

Quant Time: Jan 03 22:04:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	170010	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	254051	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	217912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	107885	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	79872	57.357	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.720%	
35) Dibromofluoromethane	7.634	113	80319	57.397	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.800%	
50) Toluene-d8	10.109	98	306906	54.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.940%	
62) 4-Bromofluorobenzene	12.408	95	102935	55.351	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 110.700%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	26010	19.437	ug/l	99
3) Chloromethane	2.074	50	12956	25.960	ug/l	95
4) Vinyl Chloride	2.208	62	14463	23.390	ug/l	95
5) Bromomethane	2.598	94	10325	22.116	ug/l	95
6) Chloroethane	2.739	64	8607	23.203	ug/l	98
7) Trichlorofluoromethane	3.062	101	43284	18.203	ug/l	96
8) Diethyl Ether	3.458	74	14398	25.446	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.818	101	30218	23.148	ug/l	96
10) Methyl Iodide	4.013	142	30924	21.663	ug/l	90
11) Tert butyl alcohol	4.860	59	13553	147.283	ug/l	99
12) 1,1-Dichloroethene	3.793	96	25999	22.376	ug/l	84
13) Acrolein	3.653	56	5001	171.796	ug/l	95
14) Allyl chloride	4.385	41	38169	28.071	ug/l #	80
15) Acrylonitrile	5.067	53	32214	147.374	ug/l	98
16) Acetone	3.873	43	22488	127.298	ug/l	89
17) Carbon Disulfide	4.110	76	57474	20.164	ug/l	98
18) Methyl Acetate	4.391	43	15676	32.787	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	77778	24.016	ug/l	98
20) Methylene Chloride	4.622	84	28889	25.144	ug/l	91
21) trans-1,2-Dichloroethene	5.122	96	29362	23.450	ug/l	96
22) Diisopropyl ether	6.025	45	84183	30.456	ug/l	93
23) Vinyl Acetate	5.964	43	238634	144.541	ug/l	95
24) 1,1-Dichloroethane	5.921	63	53832	25.976	ug/l	97
25) 2-Butanone	6.903	43	36904	154.646	ug/l	95
26) 2,2-Dichloropropane	6.890	77	55414	21.847	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	36482	24.330	ug/l	99
28) Bromochloromethane	7.250	49	12837	23.424	ug/l	90
29) Tetrahydrofuran	7.268	42	25237	172.291	ug/l	90
30) Chloroform	7.427	83	60708	22.772	ug/l	98
31) Cyclohexane	7.701	56	41722	23.324	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	59303	20.753	ug/l	98
36) 1,1-Dichloropropene	7.835	75	39935	21.605	ug/l	99
37) Ethyl Acetate	6.988	43	17993	29.540	ug/l	97
38) Carbon Tetrachloride	7.817	117	54747	17.986	ug/l	97
39) Methylcyclohexane	9.109	83	49196	20.765	ug/l	99
40) Benzene	8.079	78	124022	23.151	ug/l	98

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41) Methacrylonitrile	7.220	41	9634	31.311	ug/l	92
42) 1,2-Dichloroethane	8.158	62	35096	20.431	ug/l	95
43) Isopropyl Acetate	8.201	43	34632	26.749	ug/l	99
44) Trichloroethene	8.866	130	34825	21.765	ug/l	98
45) 1,2-Dichloropropane	9.146	63	28648	26.418	ug/l	99
46) Dibromomethane	9.231	93	17196	22.918	ug/l	97
47) Bromodichloromethane	9.426	83	47294	22.233	ug/l	94
48) Methyl methacrylate	9.219	41	15360	25.405	ug/l	92
49) 1,4-Dioxane	9.231	88	4372	611.721	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	92896	148.655	ug/l	98
52) Toluene	10.170	92	82689	22.521	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	42843	22.931	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	47730	23.307	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	24150	25.215	ug/l	96
56) Ethyl methacrylate	10.438	69	31177	24.778	ug/l #	91
57) 1,3-Dichloropropane	10.719	76	39361	25.321	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.713	63	52502	119.659	ug/l	92
59) 2-Hexanone	10.762	43	60290	146.123	ug/l	99
60) Dibromochloromethane	10.914	129	34371	22.209	ug/l	100
61) 1,2-Dibromoethane	11.018	107	21721	24.102	ug/l	100
64) Tetrachloroethene	10.646	164	30823	20.703	ug/l	96
65) Chlorobenzene	11.444	112	95346	22.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	35374	21.399	ug/l	97
67) Ethyl Benzene	11.518	91	163680	21.948	ug/l	99
68) m/p-Xylenes	11.633	106	125530	44.127	ug/l	95
69) o-Xylene	11.957	106	60181	22.142	ug/l	96
70) Styrene	11.969	104	102951	22.564	ug/l	95
71) Bromoform	12.133	173	21442	22.561	ug/l #	99
73) Isopropylbenzene	12.255	105	164899	22.062	ug/l	100
74) N-ethyl acetate	12.072	43	30669	28.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	26478	27.633	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	14121m	20.580	ug/l	
77) Bromobenzene	12.536	156	39084	22.715	ug/l	95
78) n-propylbenzene	12.597	91	190671	22.760	ug/l	100
79) 2-Chlorotoluene	12.682	91	110734	23.187	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	137726	22.116	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	9411	27.110	ug/l	91
82) 4-Chlorotoluene	12.780	91	113063	22.908	ug/l	99
83) tert-Butylbenzene	12.999	119	124796	21.459	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	135619	22.379	ug/l	97
85) sec-Butylbenzene	13.182	105	178258	22.743	ug/l	99
86) p-Isopropyltoluene	13.298	119	151952	21.754	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	76124	22.637	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	76006	22.721	ug/l	99
89) n-Butylbenzene	13.621	91	134417	23.053	ug/l	98
90) Hexachloroethane	13.883	117	30204	22.740	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	66678	23.125	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4292	23.095	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	40131	21.897	ug/l	98
94) Hexachlorobutadiene	15.029	225	27234	20.389	ug/l	99
95) Naphthalene	15.151	128	67081	22.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	34680	22.727	ug/l	97

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

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