

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020813.D
 Acq On : 14 Jan 2025 10:34
 Operator : SY/MD
 Sample : VY0114SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0114SBSD01

Quant Time: Jan 15 03:26:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	205230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	306256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	253924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	123735	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	89995	51.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.180%
35) Dibromofluoromethane	7.646	113	93407	48.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.360%
50) Toluene-d8	10.115	98	357706	53.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.960%
62) 4-Bromofluorobenzene	12.414	95	118741	48.074	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	27580	18.311	ug/l	95
3) Chloromethane	2.074	50	16077	20.272	ug/l	95
4) Vinyl Chloride	2.214	62	18549	21.040	ug/l	95
5) Bromomethane	2.605	94	11884	18.926	ug/l	93
6) Chloroethane	2.745	64	11361	20.895	ug/l	93
7) Trichlorofluoromethane	3.074	101	52153	19.275	ug/l	93
8) Diethyl Ether	3.464	74	16973	20.059	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	35722	19.550	ug/l	100
10) Methyl Iodide	4.019	142	37998	19.405	ug/l	97
11) Tert butyl alcohol	4.903	59	15087	114.460	ug/l #	92
12) 1,1-Dichloroethene	3.806	96	30601	19.120	ug/l	93
13) Acrolein	3.671	56	4332	117.029	ug/l	100
14) Allyl chloride	4.397	41	45852	19.858	ug/l	95
15) Acrylonitrile	5.086	53	40170	111.703	ug/l	99
16) Acetone	3.891	43	26634	107.371	ug/l	97
17) Carbon Disulfide	4.123	76	60836	17.522	ug/l	100
18) Methyl Acetate	4.403	43	19012	22.699	ug/l	98
19) Methyl tert-butyl Ether	5.129	73	89273	19.765	ug/l	98
20) Methylene Chloride	4.629	84	33262	19.416	ug/l	97
21) trans-1,2-Dichloroethene	5.135	96	33237	18.858	ug/l	99
22) Diisopropyl ether	6.037	45	104174	21.180	ug/l	96
23) Vinyl Acetate	5.976	43	288346	106.323	ug/l	96
24) 1,1-Dichloroethane	5.933	63	64256	19.801	ug/l	99
25) 2-Butanone	6.915	43	45551	111.789	ug/l	98
26) 2,2-Dichloropropane	6.903	77	63676	18.899	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	43607	19.610	ug/l	99
28) Bromochloromethane	7.256	49	15668	17.893	ug/l	94
29) Tetrahydrofuran	7.274	42	30008	115.285	ug/l	95
30) Chloroform	7.433	83	71369	19.285	ug/l	98
31) Cyclohexane	7.713	56	50618	19.942	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	67855	18.798	ug/l	98
36) 1,1-Dichloropropene	7.848	75	46272	18.908	ug/l	100
37) Ethyl Acetate	7.000	43	21264	21.834	ug/l	99
38) Carbon Tetrachloride	7.829	117	63555	18.656	ug/l	99
39) Methylcyclohexane	9.116	83	58062	19.334	ug/l	99
40) Benzene	8.091	78	148185	19.729	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	10425m	18.692	ug/l	
42) 1,2-Dichloroethane	8.171	62	40088	19.544	ug/l	99
43) Isopropyl Acetate	8.207	43	42605	21.509	ug/l	97
44) Trichloroethene	8.878	130	40235	19.216	ug/l	100
45) 1,2-Dichloropropane	9.152	63	34279	20.132	ug/l	99
46) Dibromomethane	9.238	93	19834	20.285	ug/l	97
47) Bromodichloromethane	9.433	83	54370	19.416	ug/l	98
48) Methyl methacrylate	9.231	41	18583	20.926	ug/l	97
49) 1,4-Dioxane	9.244	88	4822	464.483	ug/l	95
51) 4-Methyl-2-Pentanone	10.006	43	112475	113.657	ug/l	98
52) Toluene	10.176	92	97340	19.571	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	49780	19.987	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	56200	19.429	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	28367	20.307	ug/l	97
56) Ethyl methacrylate	10.445	69	35952	20.379	ug/l	98
57) 1,3-Dichloropropane	10.725	76	47292	20.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	65521	93.621	ug/l	97
59) 2-Hexanone	10.768	43	71852	113.175	ug/l	97
60) Dibromochloromethane	10.920	129	40005	19.746	ug/l	99
61) 1,2-Dibromoethane	11.024	107	26200	20.892	ug/l	98
64) Tetrachloroethene	10.652	164	35640	19.091	ug/l	96
65) Chlorobenzene	11.451	112	109655	19.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	41250	19.300	ug/l	98
67) Ethyl Benzene	11.524	91	187209	19.260	ug/l	98
68) m/p-Xylenes	11.633	106	144952	38.733	ug/l	98
69) o-Xylene	11.963	106	69612	19.618	ug/l	97
70) Styrene	11.975	104	115531	19.342	ug/l	100
71) Bromoform	12.139	173	24888	20.484	ug/l #	100
73) Isopropylbenzene	12.261	105	192633	19.624	ug/l	100
74) N-amyl acetate	12.079	43	34885	21.726	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	32336	21.734	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	25482m	23.537	ug/l	
77) Bromobenzene	12.542	156	43950	19.420	ug/l	96
78) n-propylbenzene	12.603	91	222871	20.003	ug/l	99
79) 2-Chlorotoluene	12.688	91	125519	19.563	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	155375	19.531	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	11000	21.423	ug/l	98
82) 4-Chlorotoluene	12.786	91	127997	19.331	ug/l	98
83) tert-Butylbenzene	13.005	119	146487	19.688	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	152706	19.657	ug/l	100
85) sec-Butylbenzene	13.182	105	206961	19.914	ug/l	100
86) p-Isopropyltoluene	13.298	119	173771	19.600	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	85149	19.363	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	84900	19.613	ug/l	99
89) n-Butylbenzene	13.627	91	152016	19.764	ug/l	99
90) Hexachloroethane	13.889	117	33805	18.989	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	76196	19.817	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4952	20.585	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	42514	19.213	ug/l	99
94) Hexachlorobutadiene	15.035	225	29607	18.980	ug/l	98
95) Naphthalene	15.151	128	75546	20.744	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	36810	19.856	ug/l	98

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

