

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021027.D
 Acq On : 03 Feb 2025 13:37
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020325

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 00:48:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	186133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	280950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	237569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	112062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104134	54.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.200%	
35) Dibromofluoromethane	7.640	113	104051	57.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.580%	
50) Toluene-d8	10.109	98	411045	59.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.940%	
62) 4-Bromofluorobenzene	12.407	95	131943	58.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	86748	52.290	ug/l	98
3) Chloromethane	2.074	50	85135	52.006	ug/l	100
4) Vinyl Chloride	2.208	62	84130	51.058	ug/l	99
5) Bromomethane	2.598	94	53592	52.624	ug/l	94
6) Chloroethane	2.738	64	48969	49.925	ug/l	96
7) Trichlorofluoromethane	3.068	101	155690	51.864	ug/l	99
8) Diethyl Ether	3.458	74	43771	46.708	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	97040	51.507	ug/l	95
10) Methyl Iodide	4.013	142	102264	48.858	ug/l	95
11) Tert butyl alcohol	4.860	59	27677	214.161	ug/l	96
12) 1,1-Dichloroethene	3.793	96	91949	51.810	ug/l	92
13) Acrolein	3.653	56	46827	235.305	ug/l	100
14) Allyl chloride	4.391	41	151536	50.663	ug/l	96
15) Acrylonitrile	5.061	53	89881	230.328	ug/l	99
16) Acetone	3.866	43	72566	243.997	ug/l	96
17) Carbon Disulfide	4.110	76	289409	52.004	ug/l	99
18) Methyl Acetate	4.391	43	48057	46.031	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	213244	47.538	ug/l	100
20) Methylene Chloride	4.628	84	91358	49.414	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	98665	50.506	ug/l	94
22) Diisopropyl ether	6.024	45	304603	49.407	ug/l	98
23) Vinyl Acetate	5.964	43	819243	238.370	ug/l	100
24) 1,1-Dichloroethane	5.921	63	179904	49.806	ug/l	97
25) 2-Butanone	6.896	43	114117	233.503	ug/l	96
26) 2,2-Dichloropropane	6.890	77	169757	50.791	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	111947	49.785	ug/l	94
28) Bromochloromethane	7.250	49	78173	54.731	ug/l	99
29) Tetrahydrofuran	7.262	42	75445	228.139	ug/l	96
30) Chloroform	7.427	83	181229	48.846	ug/l	97
31) Cyclohexane	7.707	56	162806	50.051	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	174612	50.620	ug/l	99
36) 1,1-Dichloropropene	7.841	75	140344	52.625	ug/l	99
37) Ethyl Acetate	6.988	43	54994	47.006	ug/l	100
38) Carbon Tetrachloride	7.823	117	161137	51.711	ug/l	100
39) Methylcyclohexane	9.115	83	176554	54.123	ug/l	97
40) Benzene	8.085	78	399547	51.052	ug/l	99

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41) Methacrylonitrile	7.232	41	29193	43.131	ug/l	98
42) 1,2-Dichloroethane	8.164	62	104015	47.910	ug/l	97
43) Isopropyl Acetate	8.201	43	110476	47.523	ug/l	98
44) Trichloroethene	8.872	130	102671	50.777	ug/l	95
45) 1,2-Dichloropropane	9.146	63	92259	49.666	ug/l	99
46) Dibromomethane	9.237	93	48251	46.914	ug/l	95
47) Bromodichloromethane	9.426	83	134607	48.799	ug/l	99
48) Methyl methacrylate	9.225	41	52480	49.560	ug/l	93
49) 1,4-Dioxane	9.231	88	9588	1001.398	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	276605	236.615	ug/l	97
52) Toluene	10.176	92	251287	51.135	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	123718	49.950	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	148244	50.550	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	62357	46.820	ug/l	99
56) Ethyl methacrylate	10.444	69	87450	49.082	ug/l	93
57) 1,3-Dichloropropane	10.719	76	110606	47.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	213481	251.852	ug/l	99
59) 2-Hexanone	10.761	43	180455	239.750	ug/l	96
60) Dibromochloromethane	10.914	129	90009	48.123	ug/l	100
61) 1,2-Dibromoethane	11.017	107	59039	47.325	ug/l	100
64) Tetrachloroethene	10.652	164	92493	52.446	ug/l	95
65) Chlorobenzene	11.444	112	268544	50.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.523	131	94662	50.356	ug/l	98
67) Ethyl Benzene	11.523	91	492537	52.642	ug/l	99
68) m/p-Xylenes	11.633	106	367445	104.978	ug/l	98
69) o-Xylene	11.956	106	169897	52.062	ug/l	96
70) Styrene	11.975	104	282879	52.009	ug/l	99
71) Bromoform	12.133	173	50400	48.166	ug/l #	99
73) Isopropylbenzene	12.255	105	467245	53.377	ug/l	99
74) N-amyl acetate	12.072	43	94701	49.483	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	68636	47.145	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	47988m	47.207	ug/l	
77) Bromobenzene	12.536	156	101991	50.490	ug/l	93
78) n-propylbenzene	12.596	91	558013	53.513	ug/l	98
79) 2-Chlorotoluene	12.682	91	310097	51.922	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	375018	52.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24332	48.841	ug/l	98
82) 4-Chlorotoluene	12.779	91	313949	51.594	ug/l	100
83) tert-Butylbenzene	13.005	119	348046	53.952	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	370353	53.370	ug/l	99
85) sec-Butylbenzene	13.182	105	494957	53.301	ug/l	98
86) p-Isopropyltoluene	13.298	119	411332	53.325	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	198405	50.868	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	193207	50.309	ug/l	99
89) n-Butylbenzene	13.621	91	384473	54.636	ug/l	99
90) Hexachloroethane	13.883	117	82908	51.521	ug/l	84
91) 1,2-Dichlorobenzene	13.663	146	168238	49.696	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10000	45.965	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	98409	52.224	ug/l	99
94) Hexachlorobutadiene	15.029	225	65883	52.760	ug/l	99
95) Naphthalene	15.151	128	154493	51.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	79793	50.882	ug/l	97

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

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