

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
 Data File : VY021307.D
 Acq On : 24 Feb 2025 17:46
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY022425

Quant Time: Feb 25 01:41:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022425S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 25 01:17:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	145478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	227652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	205901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	105206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	84372	54.547	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.100%	
35) Dibromofluoromethane	7.634	113	75604	51.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.920%	
50) Toluene-d8	10.103	98	296930	55.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.420%	
62) 4-Bromofluorobenzene	12.402	95	101548	55.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	57318	58.453	ug/l	97
3) Chloromethane	2.068	50	83849	52.182	ug/l	98
4) Vinyl Chloride	2.202	62	89191	69.291	ug/l	100
5) Bromomethane	2.592	94	59078	67.299	ug/l	98
6) Chloroethane	2.733	64	58759	66.927	ug/l	97
7) Trichlorofluoromethane	3.056	101	133701	62.384	ug/l	99
8) Diethyl Ether	3.452	74	41038	61.939	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	77027	59.737	ug/l	99
10) Methyl Iodide	4.007	142	85619	70.566	ug/l	99
11) Tert butyl alcohol	4.848	59	30177	232.232	ug/l	99
12) 1,1-Dichloroethene	3.787	96	72872	66.671	ug/l	99
13) Acrolein	3.647	56	16964	213.039	ug/l	95
14) Allyl chloride	4.385	41	133237	65.900	ug/l	99
15) Acrylonitrile	5.055	53	92507	292.386	ug/l	99
16) Acetone	3.866	43	75884	262.113	ug/l	98
17) Carbon Disulfide	4.104	76	226740	88.703	ug/l	99
18) Methyl Acetate	4.385	43	54093	62.066	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	203306	58.683	ug/l	99
20) Methylene Chloride	4.616	84	84049	59.460	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	82815	69.206	ug/l	99
22) Diisopropyl ether	6.019	45	286766	60.083	ug/l	98
23) Vinyl Acetate	5.958	43	822207	308.871	ug/l	100
24) 1,1-Dichloroethane	5.915	63	157828	60.569	ug/l	99
25) 2-Butanone	6.890	43	123964	279.159	ug/l	98
26) 2,2-Dichloropropane	6.884	77	138969	57.105	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	97605	62.467	ug/l	99
28) Bromochloromethane	7.244	49	72511	61.585	ug/l	100
29) Tetrahydrofuran	7.262	42	83418	301.404	ug/l	99
30) Chloroform	7.421	83	162796	59.302	ug/l	97
31) Cyclohexane	7.701	56	131130	65.250	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	147525	60.207	ug/l	98
36) 1,1-Dichloropropene	7.835	75	115238	65.494	ug/l	99
37) Ethyl Acetate	6.982	43	57894	58.561	ug/l	99
38) Carbon Tetrachloride	7.817	117	131550	60.454	ug/l	97
39) Methylcyclohexane	9.109	83	147602	72.489	ug/l	99
40) Benzene	8.079	78	350044	64.034	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	30628	58.202	ug/l	96
42) 1,2-Dichloroethane	8.158	62	101416	60.751	ug/l	100
43) Isopropyl Acetate	8.195	43	118257	59.398	ug/l #	87
44) Trichloroethene	8.866	130	86439	63.237	ug/l	98
45) 1,2-Dichloropropane	9.140	63	85121	59.732	ug/l	100
46) Dibromomethane	9.231	93	46393	59.507	ug/l	98
47) Bromodichloromethane	9.420	83	126559	58.370	ug/l	98
48) Methyl methacrylate	9.219	41	54377	60.104	ug/l	98
49) 1,4-Dioxane	9.225	88	10297	1160.551	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	304494	287.721	ug/l	99
52) Toluene	10.170	92	221129	63.419	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	117628	60.336	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	134261	60.660	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	60563	55.910	ug/l	98
56) Ethyl methacrylate	10.438	69	88954	62.869	ug/l	99
57) 1,3-Dichloropropane	10.713	76	109045	59.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	215091	303.376	ug/l	100
59) 2-Hexanone	10.762	43	204339	294.561	ug/l	99
60) Dibromochloromethane	10.908	129	85113	57.581	ug/l	100
61) 1,2-Dibromoethane	11.012	107	58414	60.524	ug/l	100
64) Tetrachloroethene	10.646	164	79101	61.698	ug/l	96
65) Chlorobenzene	11.438	112	240814	58.976	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	85804	56.123	ug/l	98
67) Ethyl Benzene	11.518	91	434334	60.684	ug/l	100
68) m/p-Xylenes	11.627	106	326717	123.096	ug/l	100
69) o-Xylene	11.956	106	155761	61.009	ug/l	100
70) Styrene	11.969	104	265729	61.364	ug/l	99
71) Bromoform	12.133	173	49388	55.404	ug/l #	100
73) Isopropylbenzene	12.255	105	420348	59.150	ug/l	100
74) N-amyl acetate	12.066	43	109060	58.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	71319	53.286	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	42018m	43.134	ug/l	
77) Bromobenzene	12.530	156	96588	57.298	ug/l	99
78) n-propylbenzene	12.597	91	508427	58.893	ug/l	99
79) 2-Chlorotoluene	12.676	91	285879	57.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	344487	58.927	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	24034	53.664	ug/l	97
82) 4-Chlorotoluene	12.780	91	293711	56.863	ug/l	99
83) tert-Butylbenzene	12.999	119	314033	57.734	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	340982	57.885	ug/l	99
85) sec-Butylbenzene	13.176	105	454071	57.906	ug/l	100
86) p-Isopropyltoluene	13.292	119	384429	58.585	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	191331	55.740	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	185973	54.929	ug/l	99
89) n-Butylbenzene	13.615	91	360949	57.691	ug/l	100
90) Hexachloroethane	13.883	117	77636	55.183	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	164841	54.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11236	51.226	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	103542	57.142	ug/l	100
94) Hexachlorobutadiene	15.023	225	64379	54.372	ug/l	98
95) Naphthalene	15.145	128	178295	59.343	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	87816	56.447	ug/l	99

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

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