

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019847.D
 Acq On : 10 Oct 2024 10:59
 Operator : SY/MD
 Sample : VY1010SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBSD01

Quant Time: Oct 11 01:38:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	362775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	628808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	533803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	255144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	233663	52.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.620%	
35) Dibromofluoromethane	7.634	113	224802	54.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.360%	
50) Toluene-d8	10.109	98	828344	54.058	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.401	95	289896	52.358	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	69142	20.473	ug/l	98
3) Chloromethane	2.068	50	84938	19.324	ug/l	96
4) Vinyl Chloride	2.208	62	94807	19.601	ug/l	100
5) Bromomethane	2.592	94	59156	19.322	ug/l	96
6) Chloroethane	2.732	64	61964	19.069	ug/l	95
7) Trichlorofluoromethane	3.062	101	142210	19.759	ug/l	99
8) Diethyl Ether	3.458	74	42255	19.318	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	84118	20.093	ug/l	100
10) Methyl Iodide	4.007	142	78610	18.566	ug/l	100
11) Tert butyl alcohol	4.866	59	43624	110.771	ug/l	100
12) 1,1-Dichloroethene	3.793	96	74888	19.242	ug/l	100
13) Acrolein	3.653	56	35902	109.383	ug/l	97
14) Allyl chloride	4.385	41	136727	19.471	ug/l	99
15) Acrylonitrile	5.067	53	100134	100.085	ug/l	99
16) Acetone	3.872	43	113346	97.478	ug/l	99
17) Carbon Disulfide	4.110	76	184717	17.707	ug/l	99
18) Methyl Acetate	4.391	43	46970	18.752	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	219755	19.654	ug/l	99
20) Methylene Chloride	4.622	84	90579	19.302	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	82122	19.388	ug/l	93
22) Diisopropyl ether	6.024	45	307271	20.089	ug/l	95
23) Vinyl Acetate	5.964	43	753185m	85.896	ug/l	
24) 1,1-Dichloroethane	5.915	63	166266	19.555	ug/l	99
25) 2-Butanone	6.896	43	156686	100.670	ug/l	97
26) 2,2-Dichloropropane	6.884	77	147521	19.482	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	102727	19.625	ug/l	99
28) Bromochloromethane	7.250	49	73203	19.561	ug/l	99
29) Tetrahydrofuran	7.262	42	87210	98.134	ug/l	100
30) Chloroform	7.427	83	172982	19.958	ug/l	95
31) Cyclohexane	7.701	56	142319	19.069	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	150521	19.817	ug/l	99
36) 1,1-Dichloropropene	7.841	75	114756	19.196	ug/l	98
37) Ethyl Acetate	6.988	43	63023	20.218	ug/l	98
38) Carbon Tetrachloride	7.817	117	127621	19.914	ug/l	98
39) Methylcyclohexane	9.109	83	147545	19.588	ug/l	98
40) Benzene	8.085	78	355024	19.623	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	34891	20.681	ug/l	94
42) 1,2-Dichloroethane	8.158	62	103533	19.919	ug/l	99
43) Isopropyl Acetate	8.201	43	127391	20.039	ug/l	99
44) Trichloroethene	8.865	130	85841	19.590	ug/l	98
45) 1,2-Dichloropropane	9.140	63	89980	19.871	ug/l	100
46) Dibromomethane	9.231	93	48580	19.636	ug/l	99
47) Bromodichloromethane	9.426	83	130721	19.906	ug/l	99
48) Methyl methacrylate	9.219	41	56911	20.352	ug/l	99
49) 1,4-Dioxane	9.225	88	10658	384.896	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	323564	99.787	ug/l	99
52) Toluene	10.170	92	220974	19.567	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	112030	18.960	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	135685	19.461	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	65057	19.959	ug/l	99
56) Ethyl methacrylate	10.438	69	93136	19.913	ug/l	98
57) 1,3-Dichloropropane	10.713	76	113407	19.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	214705	98.607	ug/l	98
59) 2-Hexanone	10.761	43	238451	102.961	ug/l	100
60) Dibromochloromethane	10.908	129	80479	19.236	ug/l	99
61) 1,2-Dibromoethane	11.011	107	59551	20.217	ug/l	99
64) Tetrachloroethene	10.646	164	73364	19.322	ug/l	99
65) Chlorobenzene	11.438	112	244426	20.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	82795	20.043	ug/l	99
67) Ethyl Benzene	11.517	91	444677	20.050	ug/l	99
68) m/p-Xylenes	11.627	106	322860	39.416	ug/l	100
69) o-Xylene	11.950	106	157047	19.955	ug/l	99
70) Styrene	11.969	104	263746	19.863	ug/l	99
71) Bromoform	12.127	173	43401	19.626	ug/l #	99
73) Isopropylbenzene	12.249	105	430453	20.058	ug/l	99
74) N-amyl acetate	12.066	43	115180	20.264	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	77172	20.237	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	51148m	19.252	ug/l	
77) Bromobenzene	12.529	156	91945	20.189	ug/l	98
78) n-propylbenzene	12.590	91	522679	20.156	ug/l	99
79) 2-Chlorotoluene	12.676	91	296302	19.931	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	347672	20.060	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	22481	18.155	ug/l	93
82) 4-Chlorotoluene	12.773	91	302974	19.931	ug/l	100
83) tert-Butylbenzene	12.993	119	308066	19.841	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	343753	20.005	ug/l	100
85) sec-Butylbenzene	13.170	105	471420	20.322	ug/l	100
86) p-Isopropyltoluene	13.291	119	380321	20.190	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	182361	19.829	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	182551	20.205	ug/l	98
89) n-Butylbenzene	13.615	91	376004	20.442	ug/l	99
90) Hexachloroethane	13.877	117	72220	19.689	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	161958	20.042	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11968	19.665	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	90781	20.035	ug/l	100
94) Hexachlorobutadiene	15.023	225	49113	19.496	ug/l	97
95) Naphthalene	15.139	128	166422	19.473	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	75601	19.737	ug/l	98

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

