

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011108.D
 Acq On : 26 Oct 2022 12:11
 Operator : KP/MD
 Sample : VY1026SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1026SBS01

Quant Time: Oct 27 04:37:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	228460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	363485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92336	43.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.760%
35) Dibromofluoromethane	7.716	113	98767	48.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.380%
50) Toluene-d8	10.179	98	335285	44.177	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.360%
62) 4-Bromofluorobenzene	12.477	95	127194	47.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	30267	19.973	ug/l	99
3) Chloromethane	2.113	50	41931	19.287	ug/l	94
4) Vinyl Chloride	2.247	62	47747	19.376	ug/l	96
5) Bromomethane	2.631	94	33746	19.800	ug/l	100
6) Chloroethane	2.784	64	33208	20.166	ug/l	98
7) Trichlorofluoromethane	3.119	101	78503	21.766	ug/l	94
8) Diethyl Ether	3.527	74	28854	21.438	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	49690	21.964	ug/l	93
10) Methyl Iodide	4.082	142	54048	19.524	ug/l	91
11) Tert butyl alcohol	4.942	59	34864	137.388	ug/l	97
12) 1,1-Dichloroethene	3.863	96	45450	20.972	ug/l	84
13) Acrolein	3.722	56	29512	86.989	ug/l	99
14) Allyl chloride	4.466	41	71321	20.752	ug/l #	86
15) Acrylonitrile	5.155	53	77727	110.789	ug/l	97
16) Acetone	3.942	43	70121	114.740	ug/l #	85
17) Carbon Disulfide	4.186	76	120584	18.979	ug/l	100
18) Methyl Acetate	4.472	43	44113	24.205	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	130636	21.574	ug/l	99
20) Methylene Chloride	4.704	84	69475	22.628	ug/l	84
21) trans-1,2-Dichloroethene	5.210	96	51917	21.220	ug/l	86
22) Diisopropyl ether	6.112	45	163769	22.250	ug/l #	93
23) Vinyl Acetate	6.051	43	463825	105.379	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	97497	21.939	ug/l	100
25) 2-Butanone	6.978	43	103039	111.179	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	86727	21.976	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	61203	21.705	ug/l	89
28) Bromochloromethane	7.325	49	23339	17.298	ug/l	88
29) Tetrahydrofuran	7.344	42	62843	110.212	ug/l #	86
30) Chloroform	7.502	83	101863	22.738	ug/l	99
31) Cyclohexane	7.783	56	80739	20.049	ug/l #	85
32) 1,1,1-Trichloroethane	7.697	97	88433	22.458	ug/l	96
36) 1,1-Dichloropropene	7.911	75	73713	21.785	ug/l	98
37) Ethyl Acetate	7.069	43	41794	22.309	ug/l #	92
38) Carbon Tetrachloride	7.899	117	79893	22.873	ug/l	96
39) Methylcyclohexane	9.179	83	82680	20.401	ug/l	95
40) Benzene	8.155	78	219391	22.098	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	19925m	19.627	ug/l	
42) 1,2-Dichloroethane	8.234	62	61828	22.475	ug/l	91
43) Isopropyl Acetate	8.270	43	74786	22.343	ug/l #	89
44) Trichloroethene	8.935	130	58154	21.615	ug/l	92
45) 1,2-Dichloropropane	9.215	63	57165	22.693	ug/l	98
46) Dibromomethane	9.301	93	32211	22.926	ug/l	94
47) Bromodichloromethane	9.490	83	78244	23.110	ug/l	99
48) Methyl methacrylate	9.289	41	33120	22.110	ug/l #	80
49) 1,4-Dioxane	9.289	88	9160	453.770	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	214469	114.894	ug/l	88
52) Toluene	10.240	92	137592	22.308	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	78792	22.401	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	90136	22.394	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	48762	24.058	ug/l	98
56) Ethyl methacrylate	10.508	69	60280	22.392	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	80173	23.006	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	99285	86.446	ug/l	96
59) 2-Hexanone	10.831	43	150261	117.186	ug/l	87
60) Dibromochloromethane	10.983	129	55031	22.833	ug/l	98
61) 1,2-Dibromoethane	11.087	107	44466	22.909	ug/l	97
64) Tetrachloroethene	10.715	164	56400	21.676	ug/l	95
65) Chlorobenzene	11.514	112	149820	21.833	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	57242	22.537	ug/l	97
67) Ethyl Benzene	11.593	91	265719	21.888	ug/l	100
68) m/p-Xylenes	11.703	106	204303	43.747	ug/l	95
69) o-Xylene	12.026	106	96123	21.676	ug/l	93
70) Styrene	12.038	104	167851	22.339	ug/l	95
71) Bromoform	12.203	173	36201	23.094	ug/l #	99
73) Isopropylbenzene	12.325	105	259329	21.114	ug/l	99
74) N-amyl acetate	12.142	43	64206	20.603	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	56861	22.059	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	39489m	20.574	ug/l	
77) Bromobenzene	12.605	156	60414	21.043	ug/l	99
78) n-propylbenzene	12.666	91	320084	21.419	ug/l	100
79) 2-Chlorotoluene	12.751	91	180252	21.418	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	223319	21.791	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19502	21.853	ug/l #	85
82) 4-Chlorotoluene	12.849	91	186085	21.237	ug/l	99
83) tert-Butylbenzene	13.074	119	190679	21.517	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	218887	21.660	ug/l	98
85) sec-Butylbenzene	13.251	105	287442	21.586	ug/l	100
86) p-Isopropyltoluene	13.367	119	237493	21.498	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	123953	21.633	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	121170	21.269	ug/l	98
89) n-Butylbenzene	13.696	91	222663	21.569	ug/l	100
90) Hexachloroethane	13.958	117	48509	22.250	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	110505	21.556	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9006	21.131	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	63349	20.676	ug/l	99
94) Hexachlorobutadiene	15.105	225	39510	21.908	ug/l	99
95) Naphthalene	15.233	128	127794	20.481	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	55610	20.805	ug/l	98

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

