

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011353.D
 Acq On : 08 Nov 2022 11:47
 Operator : KP/MD
 Sample : VY1108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Quant Time: Nov 08 13:05:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	242027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	347505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183296	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	117982	45.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.160%
35) Dibromofluoromethane	7.716	113	124801	51.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.179	98	468784	49.489	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.477	95	169157	51.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51567	24.482	ug/l	98
3) Chloromethane	2.113	50	52750	19.655	ug/l	95
4) Vinyl Chloride	2.247	62	60652	20.232	ug/l	99
5) Bromomethane	2.638	94	42681	21.340	ug/l	99
6) Chloroethane	2.784	64	38585	20.030	ug/l	100
7) Trichlorofluoromethane	3.119	101	92726	20.937	ug/l	95
8) Diethyl Ether	3.528	74	31427	19.775	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	55602	20.881	ug/l	94
10) Methyl Iodide	4.082	142	65994	19.254	ug/l	90
11) Tert butyl alcohol	4.948	59	42896	147.006	ug/l	96
12) 1,1-Dichloroethene	3.869	96	53396	20.282	ug/l	82
13) Acrolein	3.723	56	14765	95.377	ug/l	100
14) Allyl chloride	4.473	41	73261	18.371	ug/l #	83
15) Acrylonitrile	5.155	53	77377	97.032	ug/l	98
16) Acetone	3.942	43	69957	89.532	ug/l #	81
17) Carbon Disulfide	4.192	76	165953	19.192	ug/l	99
18) Methyl Acetate	4.473	43	42155	20.378	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	136802	19.555	ug/l	96
20) Methylene Chloride	4.704	84	81623	22.808	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	60749	20.288	ug/l	84
22) Diisopropyl ether	6.113	45	159695	19.315	ug/l #	91
23) Vinyl Acetate	6.058	43	469839	93.103	ug/l #	89
24) 1,1-Dichloroethane	6.009	63	102656	19.826	ug/l	98
25) 2-Butanone	6.978	43	104287	94.857	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	94100	19.875	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	67291	20.395	ug/l	86
28) Bromochloromethane	7.326	49	36593	18.399	ug/l #	77
29) Tetrahydrofuran	7.344	42	61100	95.463	ug/l #	81
30) Chloroform	7.503	83	107408	20.539	ug/l	99
31) Cyclohexane	7.783	56	90307	18.823	ug/l	85
32) 1,1,1-Trichloroethane	7.698	97	95169	20.518	ug/l	94
36) 1,1-Dichloropropene	7.911	75	82828	20.789	ug/l	98
37) Ethyl Acetate	7.070	43	42036	19.572	ug/l #	91
38) Carbon Tetrachloride	7.899	117	88871	21.501	ug/l	99
39) Methylcyclohexane	9.179	83	99077	20.440	ug/l	92
40) Benzene	8.155	78	242877	20.742	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	19410m	16.632	ug/l	
42) 1,2-Dichloroethane	8.234	62	65387	20.564	ug/l	91
43) Isopropyl Acetate	8.271	43	72511	19.162	ug/l #	84
44) Trichloroethene	8.935	130	66934	21.359	ug/l	97
45) 1,2-Dichloropropane	9.210	63	58903	20.347	ug/l	94
46) Dibromomethane	9.301	93	34260	20.946	ug/l	97
47) Bromodichloromethane	9.496	83	80357	20.725	ug/l	98
48) Methyl methacrylate	9.289	41	32184	18.517	ug/l #	72
49) 1,4-Dioxane	9.295	88	9837	447.047	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	202697	98.516	ug/l #	85
52) Toluene	10.240	92	155098	21.361	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	83955	20.560	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	95262	20.388	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	49356	21.054	ug/l	98
56) Ethyl methacrylate	10.508	69	62881	20.307	ug/l #	71
57) 1,3-Dichloropropane	10.789	76	83542	20.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	151158	104.127	ug/l	93
59) 2-Hexanone	10.831	43	146800	99.938	ug/l	82
60) Dibromochloromethane	10.984	129	60443	21.701	ug/l	99
61) 1,2-Dibromoethane	11.087	107	47788	21.472	ug/l	100
64) Tetrachloroethene	10.715	164	67925	23.011	ug/l	97
65) Chlorobenzene	11.514	112	165642	21.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	61205	21.681	ug/l	98
67) Ethyl Benzene	11.587	91	288049	21.181	ug/l	98
68) m/p-Xylenes	11.703	106	230473	43.657	ug/l	93
69) o-Xylene	12.026	106	106502	21.522	ug/l	92
70) Styrene	12.044	104	182584	21.765	ug/l	94
71) Bromoform	12.203	173	38978	22.215	ug/l #	98
73) Isopropylbenzene	12.325	105	281965	20.575	ug/l	100
74) N-amyl acetate	12.142	43	63387	18.426	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	56706	19.996	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	40802m	18.285	ug/l	
77) Bromobenzene	12.605	156	67274	20.869	ug/l	95
78) n-propylbenzene	12.666	91	344136	20.522	ug/l	98
79) 2-Chlorotoluene	12.752	91	195158	20.311	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	243035	20.957	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	20250	19.421	ug/l #	81
82) 4-Chlorotoluene	12.849	91	202267	20.428	ug/l	98
83) tert-Butylbenzene	13.075	119	206251	20.641	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	241064	21.018	ug/l	99
85) sec-Butylbenzene	13.252	105	311162	21.003	ug/l	100
86) p-Isopropyltoluene	13.367	119	261254	21.157	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	135476	20.959	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	135393	20.885	ug/l	99
89) n-Butylbenzene	13.697	91	235103	20.389	ug/l	99
90) Hexachloroethane	13.959	117	51141	20.708	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	122033	21.136	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9476	19.506	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	71434	20.470	ug/l	98
94) Hexachlorobutadiene	15.111	225	43939	21.624	ug/l	98
95) Naphthalene	15.233	128	141270	19.908	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	63091	20.572	ug/l	99

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

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