

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011088.D
 Acq On : 25 Oct 2022 11:30
 Operator : KP/MD
 Sample : VY1025SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Quant Time: Oct 26 08:37:13 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	7.783	168	237905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97420	44.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.900%
35) Dibromofluoromethane	7.710	113	105199	49.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.179	98	365236	45.831	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.660%
62) 4-Bromofluorobenzene	12.477	95	136431	48.221	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	32826	20.802	ug/l	99
3) Chloromethane	2.113	50	44376	19.601	ug/l	96
4) Vinyl Chloride	2.247	62	51093	19.911	ug/l	99
5) Bromomethane	2.637	94	34670	19.534	ug/l	98
6) Chloroethane	2.790	64	34963	20.389	ug/l	96
7) Trichlorofluoromethane	3.119	101	81998	21.832	ug/l	93
8) Diethyl Ether	3.521	74	28217	20.132	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	52872	22.443	ug/l	93
10) Methyl Iodide	4.082	142	57959	20.105	ug/l	91
11) Tert butyl alcohol	4.948	59	31812	117.443	ug/l	99
12) 1,1-Dichloroethene	3.863	96	46883	20.774	ug/l	87
13) Acrolein	3.723	56	30142	85.318	ug/l	99
14) Allyl chloride	4.472	41	72548	20.271	ug/l #	86
15) Acrylonitrile	5.155	53	76261	104.384	ug/l	96
16) Acetone	3.942	43	64329	101.084	ug/l #	86
17) Carbon Disulfide	4.186	76	125072	18.904	ug/l	100
18) Methyl Acetate	4.472	43	41790	21.750	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	129823	20.589	ug/l	96
20) Methylene Chloride	4.710	84	80408	25.955	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	54069	21.222	ug/l	86
22) Diisopropyl ether	6.112	45	166207	21.684	ug/l	92
23) Vinyl Acetate	6.051	43	460327	100.432	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	100956	21.815	ug/l	99
25) 2-Butanone	6.978	43	96855	100.357	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	90922	22.125	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	63061	21.476	ug/l	90
28) Bromochloromethane	7.332	49	19273	14.446	ug/l	89
29) Tetrahydrofuran	7.344	42	58861	99.130	ug/l #	85
30) Chloroform	7.502	83	102561	21.985	ug/l	100
31) Cyclohexane	7.777	56	86393	20.601	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	90392	22.044	ug/l	96
36) 1,1-Dichloropropene	7.911	75	77216	21.733	ug/l	99
37) Ethyl Acetate	7.070	43	40645	20.663	ug/l #	93
38) Carbon Tetrachloride	7.893	117	81467	22.213	ug/l	99
39) Methylcyclohexane	9.179	83	89061	20.929	ug/l	92
40) Benzene	8.155	78	228751	21.943	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	19170m	17.984	ug/l	
42) 1,2-Dichloroethane	8.234	62	61944	21.445	ug/l	90
43) Isopropyl Acetate	8.271	43	72051	20.501	ug/l #	88
44) Trichloroethene	8.935	130	61655	21.825	ug/l	93
45) 1,2-Dichloropropane	9.209	63	58473	22.107	ug/l	95
46) Dibromomethane	9.301	93	31843	21.585	ug/l	94
47) Bromodichloromethane	9.490	83	79237	22.289	ug/l	95
48) Methyl methacrylate	9.289	41	31482	20.015	ug/l #	78
49) 1,4-Dioxane	9.301	88	8596	405.549	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	201385	102.746	ug/l	88
52) Toluene	10.240	92	144411	22.298	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	78645	21.294	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	91678	21.692	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	46310	21.760	ug/l	98
56) Ethyl methacrylate	10.508	69	58397	20.660	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	78634	21.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	97611	82.020	ug/l	97
59) 2-Hexanone	10.831	43	139784	103.823	ug/l	86
60) Dibromochloromethane	10.983	129	55649	21.990	ug/l	99
61) 1,2-Dibromoethane	11.081	107	43327	21.259	ug/l	100
64) Tetrachloroethene	10.715	164	59901	22.319	ug/l	97
65) Chlorobenzene	11.514	112	154318	21.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	57477	21.938	ug/l	97
67) Ethyl Benzene	11.587	91	271572	21.686	ug/l	99
68) m/p-Xylenes	11.697	106	211114	43.825	ug/l	95
69) o-Xylene	12.026	106	99167	21.679	ug/l	95
70) Styrene	12.038	104	169914	21.922	ug/l	96
71) Bromoform	12.203	173	34761	21.498	ug/l #	99
73) Isopropylbenzene	12.325	105	270380	21.780	ug/l	99
74) N-amyl acetate	12.142	43	62313	19.784	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.575	83	55419	21.271	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	37094m	19.121	ug/l	
77) Bromobenzene	12.605	156	61921	21.339	ug/l	99
78) n-propylbenzene	12.666	91	333990	22.112	ug/l	100
79) 2-Chlorotoluene	12.751	91	187531	22.046	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	231115	22.313	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	18574	20.592	ug/l	86
82) 4-Chlorotoluene	12.849	91	190044	21.458	ug/l	99
83) tert-Butylbenzene	13.068	119	199881	22.316	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	227537	22.277	ug/l	100
85) sec-Butylbenzene	13.251	105	299585	22.258	ug/l	100
86) p-Isopropyltoluene	13.367	119	247909	22.203	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	126332	21.814	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	124920	21.694	ug/l	98
89) n-Butylbenzene	13.690	91	232167	22.251	ug/l	100
90) Hexachloroethane	13.959	117	49040	22.255	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	111509	21.521	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8866	20.582	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	66523	21.482	ug/l	99
94) Hexachlorobutadiene	15.105	225	41162	22.582	ug/l	98
95) Naphthalene	15.233	128	129302	20.503	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	56392	20.874	ug/l	97

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

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