

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007476.D
 Acq On : 11 Feb 2022 12:58
 Operator : SY/MD
 Sample : VY0211SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBS01

Quant Time: Feb 12 02:52:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	123860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82286	57.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.520%	
35) Dibromofluoromethane	7.722	113	77415	58.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.500%	
50) Toluene-d8	10.185	98	295710	60.230	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.460%	
62) 4-Bromofluorobenzene	12.483	95	99498	59.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30421	20.978	ug/l	99
3) Chloromethane	2.113	50	30304	16.832	ug/l	98
4) Vinyl Chloride	2.253	62	32477	18.992	ug/l	98
5) Bromomethane	2.649	94	22057	21.295	ug/l	99
6) Chloroethane	2.796	64	21224	20.209	ug/l	99
7) Trichlorofluoromethane	3.131	101	61251	22.103	ug/l	91
8) Diethyl Ether	3.533	74	18364	22.325	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	35109	22.496	ug/l	94
10) Methyl Iodide	4.094	142	38655	22.975	ug/l	95
11) Tert butyl alcohol	4.954	59	14711	51.670	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	31764	22.033	ug/l	86
13) Acrolein	3.728	56	15490	80.935	ug/l	96
14) Allyl chloride	4.484	41	46954	21.205	ug/l #	95
15) Acrylonitrile	5.167	53	43751	113.211	ug/l	99
16) Acetone	3.948	43	50086	108.246	ug/l #	88
17) Carbon Disulfide	4.204	76	90585	20.015	ug/l	99
18) Methyl Acetate	4.484	43	18473	21.316	ug/l #	85
19) Methyl tert-butyl Ether	5.228	73	92319	22.730	ug/l	93
20) Methylene Chloride	4.722	84	35064	22.101	ug/l #	83
21) trans-1,2-Dichloroethene	5.228	96	34631	21.714	ug/l	83
22) Diisopropyl ether	6.124	45	97162	20.942	ug/l #	93
23) Vinyl Acetate	6.063	43	321947	106.400	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	60686	21.657	ug/l	100
25) 2-Butanone	6.990	43	60172	107.635	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	59131	22.054	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	39546	22.449	ug/l	88
28) Bromochloromethane	7.338	49	21097	19.255	ug/l #	77
29) Tetrahydrofuran	7.350	42	35214	109.008	ug/l #	84
30) Chloroform	7.514	83	64966	22.288	ug/l	96
31) Cyclohexane	7.783	56	56069	20.169	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	60905	22.481	ug/l	96
36) 1,1-Dichloropropene	7.923	75	49004	21.093	ug/l	98
37) Ethyl Acetate	7.075	43	24272	21.014	ug/l	97
38) Carbon Tetrachloride	7.905	117	54719	22.418	ug/l	93
39) Methylcyclohexane	9.185	83	62448	21.404	ug/l	89
40) Benzene	8.161	78	135363	21.981	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11564m	20.148	ug/l	
42) 1,2-Dichloroethane	8.240	62	42455	22.679	ug/l	93
43) Isopropyl Acetate	8.276	43	46934	21.728	ug/l #	89
44) Trichloroethene	8.947	130	37927	22.778	ug/l	95
45) 1,2-Dichloropropane	9.215	63	33126	21.815	ug/l	95
46) Dibromomethane	9.307	93	19883	22.008	ug/l	94
47) Bromodichloromethane	9.502	83	48770	22.324	ug/l	93
48) Methyl methacrylate	9.295	41	20503	20.989	ug/l #	85
49) 1,4-Dioxane	9.301	88	5203	525.767	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	119704	109.269	ug/l	90
52) Toluene	10.246	92	86865	22.388	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	51695	22.651	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	57651	22.552	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	26977	22.736	ug/l	96
56) Ethyl methacrylate	10.508	69	37340	22.658	ug/l #	83
57) 1,3-Dichloropropane	10.794	76	47046	22.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	90829	105.952	ug/l	93
59) 2-Hexanone	10.831	43	90314	113.081	ug/l	89
60) Dibromochloromethane	10.989	129	33796	22.879	ug/l	100
61) 1,2-Dibromoethane	11.093	107	26821	22.848	ug/l	99
64) Tetrachloroethene	10.721	164	34121	23.887	ug/l	95
65) Chlorobenzene	11.520	112	91701	22.647	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	34722	22.971	ug/l	97
67) Ethyl Benzene	11.593	91	169273	22.031	ug/l	99
68) m/p-Xylenes	11.703	106	127118	44.669	ug/l	99
69) o-Xylene	12.032	106	60367	22.436	ug/l	96
70) Styrene	12.044	104	100725	22.710	ug/l	98
71) Bromoform	12.209	173	19675	23.592	ug/l #	98
73) Isopropylbenzene	12.331	105	164582	21.356	ug/l	98
74) N-amyl acetate	12.148	43	40751	21.363	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	30424	21.618	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	20372m	20.322	ug/l	
77) Bromobenzene	12.611	156	35020	21.573	ug/l	99
78) n-propylbenzene	12.672	91	200716	21.503	ug/l	100
79) 2-Chlorotoluene	12.757	91	110233	21.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	137959	21.944	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	10805	21.594	ug/l	88
82) 4-Chlorotoluene	12.855	91	114277	21.529	ug/l	99
83) tert-Butylbenzene	13.074	119	122341	22.354	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	133810	21.617	ug/l	99
85) sec-Butylbenzene	13.257	105	178015	21.685	ug/l	99
86) p-Isopropyltoluene	13.373	119	146087	21.845	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	68898	21.890	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	68966	21.982	ug/l	98
89) n-Butylbenzene	13.696	91	140165	21.777	ug/l	99
90) Hexachloroethane	13.964	117	27218	21.537	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	61210	22.094	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5111	22.347	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	35891	21.876	ug/l	96
94) Hexachlorobutadiene	15.117	225	20883	22.993	ug/l	98
95) Naphthalene	15.239	128	81247	23.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31203	22.531	ug/l	97

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

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