

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005584.D
 Acq On : 10 Aug 2021 10:37
 Operator : SY/MD
 Sample : VY0810SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0810SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:16:20 PM

Quant Time: Aug 11 03:35:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	269509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	387938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131658	48.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.520%
35) Dibromofluoromethane	7.722	113	111996	51.564	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.120%
50) Toluene-d8	10.179	98	465942	51.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.300%
62) 4-Bromofluorobenzene	12.483	95	155590	51.580	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	52620	23.772	ug/l	98
3) Chloromethane	2.119	50	54611	20.654	ug/l	100
4) Vinyl Chloride	2.260	62	68153	21.519	ug/l	99
5) Bromomethane	2.650	94	44037	21.124	ug/l	98
6) Chloroethane	2.796	64	42467	22.214	ug/l	100
7) Trichlorofluoromethane	3.131	101	97570	23.009	ug/l	98
8) Diethyl Ether	3.540	74	31508	21.274	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	54632	23.752	ug/l	98
10) Methyl Iodide	4.101	142	64502	22.509	ug/l	97
11) Tert butyl alcohol	4.972	59	25816	95.724	ug/l	99
12) 1,1-Dichloroethene	3.881	96	53274	22.937	ug/l	97
13) Acrolein	3.735	56	12252	75.297	ug/l	99
14) Allyl chloride	4.485	41	92504	22.739	ug/l	99
15) Acrylonitrile	5.174	53	73085	96.289	ug/l	99
16) Acetone	3.960	43	70810	102.948	ug/l	96
17) Carbon Disulfide	4.204	76	165224	23.077	ug/l	99
18) Methyl Acetate	4.485	43	34089	18.950	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	149992	20.846	ug/l	99
20) Methylene Chloride	4.729	84	81838	27.260	ug/l	93
21) trans-1,2-Dichloroethene	5.229	96	59371	22.864	ug/l	98
22) Diisopropyl ether	6.125	45	182959	21.800	ug/l	97
23) Vinyl Acetate	6.070	43	569799	102.020	ug/l	100
24) 1,1-Dichloroethane	6.027	63	106985	23.003	ug/l	99
25) 2-Butanone	6.997	43	89149	87.682	ug/l	99
26) 2,2-Dichloropropane	6.990	77	90874	21.385	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	58389	19.770	ug/l	95
28) Bromochloromethane	7.338	49	41741	22.486	ug/l	96
29) Tetrahydrofuran	7.356	42	56156	83.505	ug/l	100
30) Chloroform	7.515	83	95878	20.197	ug/l	99
31) Cyclohexane	7.789	56	97174	20.766	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	91409	20.947	ug/l	99
36) 1,1-Dichloropropene	7.923	75	77089	21.187	ug/l	98
37) Ethyl Acetate	7.082	43	38171	17.317	ug/l	98
38) Carbon Tetrachloride	7.905	117	81744	20.671	ug/l	96
39) Methylcyclohexane	9.185	83	95436	20.616	ug/l	99
40) Benzene	8.167	78	212071	20.353	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	23175m	19.377	ug/l	
42) 1,2-Dichloroethane	8.240	62	67990	20.117	ug/l	99
43) Isopropyl Acetate	8.277	43	74804	17.924	ug/l	99
44) Trichloroethene	8.941	130	59727	21.002	ug/l	98
45) 1,2-Dichloropropane	9.222	63	53780	20.631	ug/l	94
46) Dibromomethane	9.307	93	28308	19.640	ug/l	95
47) Bromodichloromethane	9.502	83	72833	20.191	ug/l	99
48) Methyl methacrylate	9.295	41	33929	17.989	ug/l	97
49) 1,4-Dioxane	9.307	88	7074	353.142	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	191926	87.327	ug/l	100
52) Toluene	10.246	92	135850	20.447	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	79209	19.648	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	88218	20.164	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	40045	19.202	ug/l	98
56) Ethyl methacrylate	10.514	69	57435	18.393	ug/l	99
57) 1,3-Dichloropropane	10.795	76	71904	19.552	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	138127	92.572	ug/l	98
59) 2-Hexanone	10.837	43	137567	88.560	ug/l	100
60) Dibromochloromethane	10.984	129	50077	19.403	ug/l	100
61) 1,2-Dibromoethane	11.093	107	37159	18.810	ug/l	100
64) Tetrachloroethene	10.721	164	57337	21.731	ug/l	97
65) Chlorobenzene	11.520	112	145139	20.807	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	53483	20.371	ug/l	99
67) Ethyl Benzene	11.593	91	262757	20.773	ug/l	98
68) m/p-Xylenes	11.703	106	204364	41.598	ug/l	98
69) o-Xylene	12.032	106	97861	20.725	ug/l	99
70) Styrene	12.044	104	162845	20.489	ug/l	100
71) Bromoform	12.209	173	32002	18.796	ug/l #	99
73) Isopropylbenzene	12.331	105	260382	20.686	ug/l	99
74) N-amyl acetate	12.148	43	68601	18.104	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	44172	18.245	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	30486m	16.314	ug/l	
77) Bromobenzene	12.611	156	62065	20.069	ug/l	98
78) n-propylbenzene	12.672	91	314734	21.052	ug/l	99
79) 2-Chlorotoluene	12.758	91	174191	20.750	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	217741	20.843	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	16612	17.920	ug/l	99
82) 4-Chlorotoluene	12.855	91	178673	20.570	ug/l	100
83) tert-Butylbenzene	13.075	119	191524	20.432	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	215911	20.947	ug/l	100
85) sec-Butylbenzene	13.251	105	286712	21.206	ug/l	100
86) p-Isopropyltoluene	13.367	119	244027	21.022	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	122734	20.339	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	122661	20.490	ug/l	98
89) n-Butylbenzene	13.697	91	224711	21.368	ug/l	99
90) Hexachloroethane	13.959	117	43840	21.006	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	106363	19.955	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8170	17.801	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	76895	21.001	ug/l	100
94) Hexachlorobutadiene	15.111	225	51764	21.834	ug/l	99
95) Naphthalene	15.239	128	133983	18.563	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	66031	20.356	ug/l	100

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

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