

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083021\
 Data File : VY005892.D
 Acq On : 30 Aug 2021 14:24
 Operator : SY/MD
 Sample : VY0830SBS02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0830SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:40:58 PM

Quant Time: Aug 31 02:50:59 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	328289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	411254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	369938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113343	34.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.220%
35) Dibromofluoromethane	7.722	113	101430	44.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.100%
50) Toluene-d8	10.185	98	345173	35.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	71.480%
62) 4-Bromofluorobenzene	12.483	95	120291	37.617	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44067	16.343	ug/l	96
3) Chloromethane	2.119	50	49958	15.511	ug/l	99
4) Vinyl Chloride	2.259	62	65804	17.057	ug/l	98
5) Bromomethane	2.650	94	45417	17.885	ug/l	96
6) Chloroethane	2.796	64	42138	18.095	ug/l	96
7) Trichlorofluoromethane	3.131	101	90462	17.513	ug/l	98
8) Diethyl Ether	3.534	74	30929	17.144	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	52019	18.567	ug/l	99
10) Methyl Iodide	4.101	142	58692	16.815	ug/l	98
11) Tert butyl alcohol	4.960	59	35848	109.122	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	51218	18.103	ug/l	97
13) Acrolein	3.735	56	9646	48.667	ug/l	95
14) Allyl chloride	4.485	41	85251	17.204	ug/l	97
15) Acrylonitrile	5.167	53	76541	82.786	ug/l	100
16) Acetone	3.954	43	82359	98.300	ug/l	92
17) Carbon Disulfide	4.198	76	144204	16.535	ug/l	100
18) Methyl Acetate	4.479	43	35322	16.120	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	147922	16.877	ug/l	99
20) Methylene Chloride	4.722	84	73221	18.190	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	56781	17.951	ug/l	94
22) Diisopropyl ether	6.125	45	180812	17.687	ug/l	99
23) Vinyl Acetate	6.070	43	560761	82.425	ug/l	97
24) 1,1-Dichloroethane	6.021	63	104671	18.476	ug/l	99
25) 2-Butanone	6.996	43	104790	84.611	ug/l	94
26) 2,2-Dichloropropane	6.984	77	97496	18.836	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	64695	17.983	ug/l	100
28) Bromochloromethane	7.344	49	42839	18.945	ug/l	98
29) Tetrahydrofuran	7.356	42	63816	77.905	ug/l	99
30) Chloroform	7.515	83	103826	17.955	ug/l	98
31) Cyclohexane	7.789	56	99236	17.410	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	96083	18.076	ug/l	98
36) 1,1-Dichloropropene	7.923	75	80702	20.922	ug/l	100
37) Ethyl Acetate	7.082	43	44674	19.118	ug/l	98
38) Carbon Tetrachloride	7.905	117	87323	20.830	ug/l	97
39) Methylcyclohexane	9.185	83	84167	17.151	ug/l	97
40) Benzene	8.167	78	227671	20.612	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21848m	17.232	ug/l	
42) 1,2-Dichloroethane	8.240	62	70367	19.640	ug/l	100
43) Isopropyl Acetate	8.277	43	81714	18.470	ug/l	98
44) Trichloroethene	8.941	130	55023	18.251	ug/l	100
45) 1,2-Dichloropropane	9.222	63	48386	17.510	ug/l	99
46) Dibromomethane	9.307	93	26373	17.260	ug/l	99
47) Bromodichloromethane	9.502	83	67294	17.597	ug/l	99
48) Methyl methacrylate	9.295	41	31815	15.912	ug/l	99
49) 1,4-Dioxane	9.301	88	6861	323.091	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	186339	79.978	ug/l	99
52) Toluene	10.246	92	126052	17.897	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	72965	17.073	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	81927	17.664	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	39374	17.810	ug/l	94
56) Ethyl methacrylate	10.514	69	54121	16.349	ug/l	98
57) 1,3-Dichloropropane	10.794	76	66941	17.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	125074	79.071	ug/l	99
59) 2-Hexanone	10.837	43	136253	82.741	ug/l	99
60) Dibromochloromethane	10.990	129	49221	17.990	ug/l	97
61) 1,2-Dibromoethane	11.093	107	35537	16.969	ug/l	97
64) Tetrachloroethene	10.721	164	56720	20.143	ug/l	98
65) Chlorobenzene	11.520	112	140769	18.909	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	51828	18.498	ug/l	100
67) Ethyl Benzene	11.593	91	244714	18.128	ug/l	100
68) m/p-Xylenes	11.703	106	195005	37.193	ug/l	98
69) o-Xylene	12.032	106	91602	18.178	ug/l	99
70) Styrene	12.044	104	157242	18.538	ug/l	98
71) Bromoform	12.209	173	32503	17.888	ug/l #	100
73) Isopropylbenzene	12.331	105	249563	18.272	ug/l	100
74) N-amyl acetate	12.148	43	63799	15.517	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	43933	16.723	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	31421m	15.496	ug/l	
77) Bromobenzene	12.611	156	60762	18.107	ug/l	97
78) n-propylbenzene	12.672	91	297885	18.363	ug/l	99
79) 2-Chlorotoluene	12.758	91	164515	18.060	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	208375	18.383	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	16901	16.802	ug/l	97
82) 4-Chlorotoluene	12.855	91	171121	18.156	ug/l	98
83) tert-Butylbenzene	13.075	119	184885	18.177	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	205573	18.380	ug/l	98
85) sec-Butylbenzene	13.257	105	275145	18.755	ug/l	98
86) p-Isopropyltoluene	13.373	119	235684	18.712	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	122690	18.738	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	119262	18.360	ug/l	98
89) n-Butylbenzene	13.696	91	213227	18.686	ug/l	99
90) Hexachloroethane	13.959	117	42229	18.648	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	106912	18.485	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8143	16.351	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	74725	18.808	ug/l	99
94) Hexachlorobutadiene	15.111	225	50424	19.601	ug/l	99
95) Naphthalene	15.239	128	130759	16.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	64640	18.365	ug/l	99

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

