

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083021\
 Data File : VY005890.D
 Acq On : 30 Aug 2021 12:56
 Operator : SY/MD
 Sample : VY0830SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0830SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:40:54 PM

Quant Time: Aug 31 02:50:23 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	192779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	254417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103578	53.079	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.160%			
35) Dibromofluoromethane	7.722	113	87764	57.077	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.160%			
50) Toluene-d8	10.185	98	342691	53.141	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.280%			
62) 4-Bromofluorobenzene	12.483	95	121770	57.022	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	40729	25.723	ug/l	99
3) Chloromethane	2.119	50	44990	23.787	ug/l	96
4) Vinyl Chloride	2.259	62	60113	26.535	ug/l	98
5) Bromomethane	2.643	94	38582	25.874	ug/l	99
6) Chloroethane	2.796	64	33821	24.733	ug/l	98
7) Trichlorofluoromethane	3.131	101	75640	24.938	ug/l	95
8) Diethyl Ether	3.533	74	26579	25.089	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	41662	25.323	ug/l	99
10) Methyl Iodide	4.094	142	48091	23.462	ug/l	98
11) Tert butyl alcohol	4.966	59	31106	161.246	ug/l	95
12) 1,1-Dichloroethene	3.881	96	40433	24.337	ug/l	96
13) Acrolein	3.735	56	8513	73.142	ug/l	100
14) Allyl chloride	4.484	41	68850	23.661	ug/l	99
15) Acrylonitrile	5.173	53	67416	124.172	ug/l	99
16) Acetone	3.954	43	70536	143.367	ug/l	94
17) Carbon Disulfide	4.198	76	114002	22.260	ug/l	99
18) Methyl Acetate	4.484	43	31769	24.689	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	125443	24.373	ug/l	100
20) Methylene Chloride	4.728	84	54517	24.913	ug/l #	87
21) trans-1,2-Dichloroethene	5.222	96	44393	23.900	ug/l	95
22) Diisopropyl ether	6.124	45	146959	24.481	ug/l	94
23) Vinyl Acetate	6.063	43	477146	119.435	ug/l	98
24) 1,1-Dichloroethane	6.021	63	81811	24.591	ug/l	98
25) 2-Butanone	6.990	43	92658	127.406	ug/l	98
26) 2,2-Dichloropropane	6.984	77	78399	25.793	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	52220	24.719	ug/l	99
28) Bromochloromethane	7.344	49	37584	28.305	ug/l	99
29) Tetrahydrofuran	7.356	42	56754	117.985	ug/l	96
30) Chloroform	7.514	83	85828	25.276	ug/l	95
31) Cyclohexane	7.789	56	76113	22.739	ug/l	97
32) 1,1,1-Trichloroethane	7.709	97	78943	25.291	ug/l	100
36) 1,1-Dichloropropene	7.923	75	64700	25.117	ug/l	99
37) Ethyl Acetate	7.082	43	41016	26.283	ug/l	99
38) Carbon Tetrachloride	7.905	117	72132	25.765	ug/l	95
39) Methylcyclohexane	9.185	83	79398	24.227	ug/l	98
40) Benzene	8.167	78	185908	25.203	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	19983m	23.601	ug/l	
42) 1,2-Dichloroethane	8.240	62	61792	25.825	ug/l	100
43) Isopropyl Acetate	8.276	43	71575	24.226	ug/l	99
44) Trichloroethene	8.941	130	51897	25.778	ug/l	98
45) 1,2-Dichloropropane	9.221	63	45350	24.574	ug/l	98
46) Dibromomethane	9.307	93	25983	25.464	ug/l	99
47) Bromodichloromethane	9.502	83	65911	25.809	ug/l	98
48) Methyl methacrylate	9.295	41	33006	24.720	ug/l	98
49) 1,4-Dioxane	9.301	88	7614	536.905	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	198085	127.311	ug/l	100
52) Toluene	10.246	92	120272	25.571	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	72487	25.398	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	79374	25.627	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	38226	25.891	ug/l	96
56) Ethyl methacrylate	10.514	69	55562	25.133	ug/l	98
57) 1,3-Dichloropropane	10.794	76	66435	25.517	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	143412	135.764	ug/l	99
59) 2-Hexanone	10.837	43	142667	129.732	ug/l	98
60) Dibromochloromethane	10.989	129	47771	26.145	ug/l	100
61) 1,2-Dibromoethane	11.093	107	36548	26.133	ug/l	100
64) Tetrachloroethene	10.721	164	53879	27.822	ug/l	98
65) Chlorobenzene	11.520	112	132432	25.867	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	49410	25.642	ug/l	100
67) Ethyl Benzene	11.593	91	231732	24.961	ug/l	100
68) m/p-Xylenes	11.703	106	183448	50.876	ug/l	100
69) o-Xylene	12.032	106	87926	25.371	ug/l	98
70) Styrene	12.044	104	149393	25.609	ug/l	98
71) Bromoform	12.209	173	33357	26.694	ug/l #	100
73) Isopropylbenzene	12.331	105	233916	24.011	ug/l	100
74) N-amyl acetate	12.148	43	65918	22.477	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	45997	24.547	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	31901m	22.057	ug/l	
77) Bromobenzene	12.611	156	59445	24.836	ug/l	98
78) n-propylbenzene	12.672	91	282412	24.407	ug/l	100
79) 2-Chlorotoluene	12.757	91	157990	24.316	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	197180	24.388	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	17415	24.273	ug/l	98
82) 4-Chlorotoluene	12.855	91	161197	23.978	ug/l	99
83) tert-Butylbenzene	13.074	119	175114	24.137	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	195601	24.518	ug/l	98
85) sec-Butylbenzene	13.257	105	260364	24.882	ug/l	99
86) p-Isopropyltoluene	13.373	119	221529	24.658	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	117220	25.099	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	116106	25.060	ug/l	98
89) n-Butylbenzene	13.696	91	201491	24.756	ug/l	99
90) Hexachloroethane	13.964	117	40643	25.162	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	104621	25.361	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8488	23.895	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	72526	25.593	ug/l	98
94) Hexachlorobutadiene	15.111	225	46600	25.397	ug/l	99
95) Naphthalene	15.239	128	134884	24.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	63048	25.113	ug/l	98

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

