

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005851.D
 Acq On : 26 Aug 2021 11:27
 Operator : SY/MD
 Sample : VY0826SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0826SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:45:35 PM

Quant Time: Aug 27 03:24:34 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	196608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	285070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106197	53.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.720%	
35) Dibromofluoromethane	7.722	113	88322	55.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.680%	
50) Toluene-d8	10.185	98	352503	52.662	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.320%	
62) 4-Bromofluorobenzene	12.483	95	124618	56.220	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	37683	23.336	ug/l	97
3) Chloromethane	2.119	50	37803	19.598	ug/l	100
4) Vinyl Chloride	2.259	62	48300	20.905	ug/l	99
5) Bromomethane	2.644	94	37265	24.504	ug/l	96
6) Chloroethane	2.796	64	32156	23.057	ug/l	94
7) Trichlorofluoromethane	3.131	101	69387	22.431	ug/l	98
8) Diethyl Ether	3.534	74	22477	20.804	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	37303	22.232	ug/l	99
10) Methyl Iodide	4.101	142	38899	18.608	ug/l	99
11) Tert butyl alcohol	4.954	59	46782	237.784	ug/l #	73
12) 1,1-Dichloroethene	3.881	96	36117	21.316	ug/l	97
13) Acrolein	3.741	56	8263	69.611	ug/l	99
14) Allyl chloride	4.491	41	63667	21.454	ug/l	99
15) Acrylonitrile	5.174	53	62471	112.823	ug/l	99
16) Acetone	3.954	43	66732	132.994	ug/l	98
17) Carbon Disulfide	4.204	76	104478	20.003	ug/l	98
18) Methyl Acetate	4.485	43	29138	22.204	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	113183	21.563	ug/l	99
20) Methylene Chloride	4.729	84	49272	21.292	ug/l	94
21) trans-1,2-Dichloroethene	5.235	96	40740	21.506	ug/l	94
22) Diisopropyl ether	6.125	45	136727	22.333	ug/l	96
23) Vinyl Acetate	6.070	43	443133	108.761	ug/l	100
24) 1,1-Dichloroethane	6.027	63	75900	22.370	ug/l	97
25) 2-Butanone	6.996	43	88010	118.658	ug/l	99
26) 2,2-Dichloropropane	6.984	77	72034	23.237	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	46650	21.652	ug/l	98
28) Bromochloromethane	7.344	49	36743	27.133	ug/l	97
29) Tetrahydrofuran	7.356	42	52773	107.572	ug/l	99
30) Chloroform	7.515	83	77757	22.454	ug/l	99
31) Cyclohexane	7.789	56	71003	20.800	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	70879	22.265	ug/l	100
36) 1,1-Dichloropropene	7.923	75	59127	22.114	ug/l	99
37) Ethyl Acetate	7.082	43	38466	23.747	ug/l	98
38) Carbon Tetrachloride	7.905	117	65467	22.529	ug/l	98
39) Methylcyclohexane	9.185	83	72618	21.348	ug/l	99
40) Benzene	8.167	78	168162	21.963	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	18053m	20.541	ug/l	
42) 1,2-Dichloroethane	8.240	62	55765	22.453	ug/l	99
43) Isopropyl Acetate	8.277	43	68425	22.312	ug/l	99
44) Trichloroethene	8.941	130	46995	22.489	ug/l	100
45) 1,2-Dichloropropane	9.222	63	42775	22.331	ug/l	97
46) Dibromomethane	9.307	93	23631	22.311	ug/l	99
47) Bromodichloromethane	9.502	83	60032	22.647	ug/l	99
48) Methyl methacrylate	9.301	41	29853	21.540	ug/l	99
49) 1,4-Dioxane	9.301	88	6840	464.677	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	185879	115.095	ug/l	99
52) Toluene	10.246	92	107740	22.068	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	65440	22.090	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	71111	22.119	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	35026	22.856	ug/l	96
56) Ethyl methacrylate	10.514	69	49349	21.506	ug/l	98
57) 1,3-Dichloropropane	10.794	76	59889	22.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	124546	113.590	ug/l	99
59) 2-Hexanone	10.837	43	130580	114.396	ug/l	98
60) Dibromochloromethane	10.990	129	43068	22.709	ug/l	98
61) 1,2-Dibromoethane	11.093	107	32412	22.328	ug/l	99
64) Tetrachloroethene	10.721	164	47083	23.498	ug/l	94
65) Chlorobenzene	11.520	112	118805	22.428	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	44242	22.190	ug/l	99
67) Ethyl Benzene	11.593	91	208801	21.738	ug/l	99
68) m/p-Xylenes	11.703	106	164587	44.116	ug/l	100
69) o-Xylene	12.032	106	77807	21.699	ug/l	98
70) Styrene	12.044	104	131025	21.708	ug/l	99
71) Bromoform	12.209	173	28865	22.325	ug/l #	99
73) Isopropylbenzene	12.331	105	209113	21.162	ug/l	100
74) N-amyl acetate	12.148	43	60685	20.401	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	40057	21.076	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	28449m	19.392	ug/l	
77) Bromobenzene	12.611	156	51636	21.269	ug/l	100
78) n-propylbenzene	12.672	91	251595	21.437	ug/l	99
79) 2-Chlorotoluene	12.758	91	137858	20.918	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	173556	21.163	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	15513	21.317	ug/l	99
82) 4-Chlorotoluene	12.855	91	143675	21.070	ug/l	98
83) tert-Butylbenzene	13.075	119	152189	20.681	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	171768	21.227	ug/l	99
85) sec-Butylbenzene	13.251	105	229208	21.595	ug/l	100
86) p-Isopropyltoluene	13.367	119	193157	21.197	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	101301	21.384	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	100521	21.390	ug/l	99
89) n-Butylbenzene	13.696	91	177421	21.491	ug/l	99
90) Hexachloroethane	13.959	117	34826	21.257	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	90580	21.647	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7356	20.416	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	58392	20.315	ug/l	99
94) Hexachlorobutadiene	15.111	225	38641	20.762	ug/l	98
95) Naphthalene	15.239	128	108385	19.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50013	19.640	ug/l	99

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

