

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005921.D
 Acq On : 01 Sep 2021 11:34
 Operator : SY/MD
 Sample : VY0901SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0901SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:41:02 PM

Quant Time: Sep 02 07:45:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	258800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	375464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	349136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138023	52.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.840%	
35) Dibromofluoromethane	7.728	113	110686	52.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.980%	
50) Toluene-d8	10.185	98	469278	53.029	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.060%	
62) 4-Bromofluorobenzene	12.483	95	156446	52.649	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	52638	22.779	ug/l	100
3) Chloromethane	2.119	50	47949	19.591	ug/l	98
4) Vinyl Chloride	2.260	62	61738	19.407	ug/l	98
5) Bromomethane	2.644	94	47375	22.073	ug/l	100
6) Chloroethane	2.796	64	37730	19.835	ug/l	98
7) Trichlorofluoromethane	3.131	101	83690	20.595	ug/l	97
8) Diethyl Ether	3.540	74	28991	20.959	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	44024	20.120	ug/l	99
10) Methyl Iodide	4.101	142	49336	17.942	ug/l	99
11) Tert butyl alcohol	4.948	59	64031	124.855	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	45068	20.287	ug/l	93
13) Acrolein	3.735	56	13460	146.082	ug/l	99
14) Allyl chloride	4.491	41	75711	20.264	ug/l	99
15) Acrylonitrile	5.174	53	72062	103.014	ug/l	100
16) Acetone	3.954	43	65703	98.802	ug/l	98
17) Carbon Disulfide	4.198	76	144456	20.358	ug/l	97
18) Methyl Acetate	4.485	43	36504	19.772	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	137682	20.644	ug/l	97
20) Methylene Chloride	4.722	84	61431	21.295	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	49956	20.153	ug/l	94
22) Diisopropyl ether	6.125	45	156858	20.663	ug/l	96
23) Vinyl Acetate	6.070	43	484090	105.084	ug/l	99
24) 1,1-Dichloroethane	6.027	63	88509	20.440	ug/l	100
25) 2-Butanone	6.996	43	94657	100.758	ug/l	98
26) 2,2-Dichloropropane	6.990	77	83066	20.503	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	56868	20.417	ug/l	99
28) Bromochloromethane	7.344	49	34489	19.321	ug/l	100
29) Tetrahydrofuran	7.356	42	62592	102.828	ug/l	99
30) Chloroform	7.515	83	91135	20.510	ug/l	99
31) Cyclohexane	7.789	56	87520	19.896	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	84435	20.408	ug/l	99
36) 1,1-Dichloropropene	7.923	75	71429	20.206	ug/l	99
37) Ethyl Acetate	7.082	43	43051	20.335	ug/l	98
38) Carbon Tetrachloride	7.905	117	78050	20.369	ug/l	98
39) Methylcyclohexane	9.185	83	88280	19.716	ug/l	98
40) Benzene	8.167	78	206189	20.645	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	20788m	17.633	ug/l	
42) 1,2-Dichloroethane	8.240	62	67808	20.901	ug/l	99
43) Isopropyl Acetate	8.277	43	78846	20.504	ug/l	100
44) Trichloroethene	8.941	130	56153	20.048	ug/l	98
45) 1,2-Dichloropropane	9.222	63	49058	20.019	ug/l	94
46) Dibromomethane	9.313	93	28560	20.251	ug/l	98
47) Bromodichloromethane	9.502	83	70587	20.595	ug/l	99
48) Methyl methacrylate	9.295	41	35537	20.107	ug/l	99
49) 1,4-Dioxane	9.307	88	7453	383.733	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	211450	102.056	ug/l	100
52) Toluene	10.246	92	130708	20.306	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	78049	20.538	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	86210	20.676	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	40287	19.945	ug/l	99
56) Ethyl methacrylate	10.514	69	59427	20.325	ug/l	99
57) 1,3-Dichloropropane	10.795	76	71834	20.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	155924	103.317	ug/l	99
59) 2-Hexanone	10.837	43	148606	102.666	ug/l	99
60) Dibromochloromethane	10.984	129	50767	20.471	ug/l	99
61) 1,2-Dibromoethane	11.093	107	39059	20.299	ug/l	99
64) Tetrachloroethene	10.721	164	56864	19.892	ug/l	97
65) Chlorobenzene	11.520	112	140677	20.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	53312	20.329	ug/l	97
67) Ethyl Benzene	11.593	91	248316	19.829	ug/l	99
68) m/p-Xylenes	11.703	106	197921	40.079	ug/l	100
69) o-Xylene	12.032	106	94509	20.385	ug/l	98
70) Styrene	12.044	104	161434	20.413	ug/l	99
71) Bromoform	12.209	173	34740	20.093	ug/l #	99
73) Isopropylbenzene	12.331	105	248244	19.780	ug/l	99
74) N-amyl acetate	12.142	43	72297	20.078	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	47449	19.866	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	32779m	18.599	ug/l	
77) Bromobenzene	12.611	156	62545	19.786	ug/l	99
78) n-propylbenzene	12.672	91	298204	19.881	ug/l	100
79) 2-Chlorotoluene	12.758	91	166021	19.883	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	209436	19.918	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	18373	19.826	ug/l	97
82) 4-Chlorotoluene	12.855	91	174242	19.890	ug/l	98
83) tert-Butylbenzene	13.075	119	183508	19.966	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	206976	19.844	ug/l	100
85) sec-Butylbenzene	13.251	105	269543	19.898	ug/l	100
86) p-Isopropyltoluene	13.367	119	231129	19.691	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	123350	20.054	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	123053	20.028	ug/l	99
89) n-Butylbenzene	13.696	91	212081	20.195	ug/l	100
90) Hexachloroethane	13.959	117	41101	19.295	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	110126	20.192	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8864	19.788	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	75815	20.594	ug/l	99
94) Hexachlorobutadiene	15.111	225	48438	20.425	ug/l	98
95) Naphthalene	15.233	128	145529	20.576	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	65997	20.534	ug/l	99

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

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