

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005583.D
 Acq On : 10 Aug 2021 09:57
 Operator : SY/MD
 Sample : VY0810SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0810SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:16:17 PM

Quant Time: Aug 11 03:35:21 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	273254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	396555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	359697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	135703	49.061	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.120%		
35) Dibromofluoromethane	7.722	113	110106	49.592	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.180%		
50) Toluene-d8	10.185	98	451850	48.526	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.060%		
62) 4-Bromofluorobenzene	12.483	95	153502	49.782	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	48040	21.405	ug/l	92
3) Chloromethane	2.119	50	49522	18.472	ug/l	99
4) Vinyl Chloride	2.259	62	60909	18.968	ug/l	98
5) Bromomethane	2.649	94	43517	20.589	ug/l	95
6) Chloroethane	2.796	64	38294	19.757	ug/l	100
7) Trichlorofluoromethane	3.131	101	92123	21.427	ug/l	99
8) Diethyl Ether	3.533	74	30803	20.513	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.911	101	48786	20.920	ug/l	100
10) Methyl Iodide	4.100	142	56955	19.603	ug/l	100
11) Tert butyl alcohol	4.966	59	29554	108.082	ug/l	99
12) 1,1-Dichloroethene	3.881	96	48785	20.716	ug/l	92
13) Acrolein	3.741	56	11942	72.386	ug/l	99
14) Allyl chloride	4.491	41	86441	20.958	ug/l	100
15) Acrylonitrile	5.173	53	79710	103.578	ug/l	99
16) Acetone	3.960	43	75457	108.201	ug/l	100
17) Carbon Disulfide	4.204	76	148573	20.467	ug/l	98
18) Methyl Acetate	4.485	43	37877	20.767	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	151796	20.807	ug/l	98
20) Methylene Chloride	4.722	84	71574	22.566	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	53634	20.371	ug/l	97
22) Diisopropyl ether	6.124	45	179345	21.077	ug/l	96
23) Vinyl Acetate	6.070	43	593882	104.875	ug/l	99
24) 1,1-Dichloroethane	6.027	63	98796	20.951	ug/l	100
25) 2-Butanone	6.996	43	110440	107.133	ug/l	100
26) 2,2-Dichloropropane	6.990	77	92773	21.533	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	59774	19.962	ug/l	96
28) Bromochloromethane	7.344	49	43980	23.367	ug/l	95
29) Tetrahydrofuran	7.356	42	70909	103.998	ug/l	99
30) Chloroform	7.514	83	99577	20.689	ug/l	96
31) Cyclohexane	7.789	56	98359	20.731	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	92061	20.807	ug/l	100
36) 1,1-Dichloropropene	7.923	75	77724	20.897	ug/l	99
37) Ethyl Acetate	7.082	43	48875	21.691	ug/l	99
38) Carbon Tetrachloride	7.905	117	83752	20.718	ug/l	97
39) Methylcyclohexane	9.185	83	98432	20.801	ug/l	99
40) Benzene	8.167	78	219766	20.633	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	22705	18.571	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	72141	20.881	ug/l	100
43) Isopropyl Acetate	8.277	43	90487	21.211	ug/l	99
44) Trichloroethene	8.941	130	60180	20.702	ug/l	97
45) 1,2-Dichloropropane	9.221	63	55705	20.905	ug/l	100
46) Dibromomethane	9.307	93	30868	20.951	ug/l	97
47) Bromodichloromethane	9.502	83	75603	20.503	ug/l	100
48) Methyl methacrylate	9.301	41	40216	20.860	ug/l	98
49) 1,4-Dioxane	9.301	88	8022	391.766	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	238065	105.967	ug/l	100
52) Toluene	10.246	92	137820	20.293	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	83904	20.360	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	93095	20.816	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	43731	20.514	ug/l	95
56) Ethyl methacrylate	10.514	69	66757	20.913	ug/l	99
57) 1,3-Dichloropropane	10.794	76	77707	20.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	153083	100.366	ug/l	99
59) 2-Hexanone	10.837	43	170309	107.255	ug/l	98
60) Dibromochloromethane	10.989	129	54184	20.538	ug/l	99
61) 1,2-Dibromoethane	11.093	107	41263	20.434	ug/l	97
64) Tetrachloroethene	10.721	164	59211	21.626	ug/l	97
65) Chlorobenzene	11.520	112	147538	20.383	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	55271	20.288	ug/l	99
67) Ethyl Benzene	11.593	91	268747	20.476	ug/l	100
68) m/p-Xylenes	11.703	106	207589	40.720	ug/l	98
69) o-Xylene	12.032	106	99433	20.293	ug/l	100
70) Styrene	12.044	104	168602	20.443	ug/l	99
71) Bromoform	12.209	173	36724	20.787	ug/l	100
73) Isopropylbenzene	12.331	105	265930	20.357	ug/l	99
74) N-amyl acetate	12.148	43	81939	20.837	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	50649	20.158	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	36331m	18.733	ug/l	
77) Bromobenzene	12.611	156	64327	20.043	ug/l	96
78) n-propylbenzene	12.672	91	318277	20.514	ug/l	99
79) 2-Chlorotoluene	12.757	91	178988	20.545	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	222099	20.486	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	19209	19.967	ug/l	98
82) 4-Chlorotoluene	12.855	91	182158	20.207	ug/l	99
83) tert-Butylbenzene	13.074	119	194143	19.957	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	220682	20.630	ug/l	100
85) sec-Butylbenzene	13.257	105	288821	20.584	ug/l	99
86) p-Isopropyltoluene	13.367	119	246389	20.453	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	125913	20.106	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	126408	20.347	ug/l	98
89) n-Butylbenzene	13.696	91	226594	20.762	ug/l	99
90) Hexachloroethane	13.958	117	44796	20.683	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	113538	20.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9898	20.781	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	79463	20.912	ug/l	100
94) Hexachlorobutadiene	15.111	225	51155	20.792	ug/l	99
95) Naphthalene	15.239	128	154983	20.691	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	69980	20.788	ug/l	100

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

