

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006005.D
 Acq On : 14 Sep 2021 14:12
 Operator : SY/MD
 Sample : VY0914SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0914SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:41:16 PM

Quant Time: Sep 15 05:12:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	141591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	220692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	208904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91734	46.642	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.280%		
35) Dibromofluoromethane	7.722	113	62677	45.724	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.440%		
50) Toluene-d8	10.185	98	268608	45.977	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.960%		
62) 4-Bromofluorobenzene	12.483	95	91400	46.079	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	29473	19.705	ug/l	99
3) Chloromethane	2.119	50	37106	19.950	ug/l	95
4) Vinyl Chloride	2.259	62	41719	19.866	ug/l	98
5) Bromomethane	2.650	94	29380	21.564	ug/l	99
6) Chloroethane	2.796	64	24645	19.569	ug/l	99
7) Trichlorofluoromethane	3.131	101	53470	19.531	ug/l	92
8) Diethyl Ether	3.534	74	18451	20.502	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	26853	19.646	ug/l	99
10) Methyl Iodide	4.101	142	25030	17.299	ug/l	97
11) Tert butyl alcohol	4.942	59	43853	122.163	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	27337	19.337	ug/l	98
13) Acrolein	3.735	56	11589	98.063	ug/l	99
14) Allyl chloride	4.485	41	59628	19.759	ug/l	97
15) Acrylonitrile	5.174	53	53441	104.248	ug/l	98
16) Acetone	3.960	43	49870	92.446	ug/l	100
17) Carbon Disulfide	4.198	76	93408	19.784	ug/l	98
18) Methyl Acetate	4.485	43	28033	20.630	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	91703	20.120	ug/l	95
20) Methylene Chloride	4.722	84	38703	20.227	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	30794	19.425	ug/l	98
22) Diisopropyl ether	6.125	45	119115	20.312	ug/l	95
23) Vinyl Acetate	6.070	43	379418	102.539	ug/l	99
24) 1,1-Dichloroethane	6.027	63	59429	19.780	ug/l	98
25) 2-Butanone	6.996	43	73017	98.206	ug/l	98
26) 2,2-Dichloropropane	6.990	77	55548	19.517	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	35712	20.192	ug/l	100
28) Bromochloromethane	7.344	49	25202	19.095	ug/l	95
29) Tetrahydrofuran	7.350	42	49204	105.295	ug/l	98
30) Chloroform	7.515	83	60569	20.106	ug/l	99
31) Cyclohexane	7.789	56	60636	19.246	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	55188	19.512	ug/l	99
36) 1,1-Dichloropropene	7.923	75	46823	19.657	ug/l	99
37) Ethyl Acetate	7.082	43	34020	20.674	ug/l	99
38) Carbon Tetrachloride	7.905	117	49988	19.277	ug/l	96
39) Methylcyclohexane	9.185	83	55794	18.898	ug/l	96
40) Benzene	8.167	78	132739	19.432	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	17956m	18.683	ug/l	
42) 1,2-Dichloroethane	8.240	62	48491	20.074	ug/l	99
43) Isopropyl Acetate	8.277	43	62994	20.552	ug/l	99
44) Trichloroethene	8.941	130	33023	19.400	ug/l	90
45) 1,2-Dichloropropane	9.216	63	33519	19.836	ug/l	98
46) Dibromomethane	9.307	93	18326	20.037	ug/l	99
47) Bromodichloromethane	9.502	83	46159	19.607	ug/l	97
48) Methyl methacrylate	9.295	41	28161	19.883	ug/l	99
49) 1,4-Dioxane	9.301	88	4948	392.004	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	167927	102.769	ug/l	99
52) Toluene	10.246	92	82334	19.560	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	51529	19.926	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	56264	20.173	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	25186	20.039	ug/l	98
56) Ethyl methacrylate	10.514	69	39797	19.807	ug/l	99
57) 1,3-Dichloropropane	10.795	76	47293	20.415	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	106102	100.874	ug/l	98
59) 2-Hexanone	10.831	43	116816	103.554	ug/l	98
60) Dibromochloromethane	10.990	129	31098	20.069	ug/l	98
61) 1,2-Dibromoethane	11.093	107	24423	20.573	ug/l	98
64) Tetrachloroethene	10.721	164	33103	19.374	ug/l	97
65) Chlorobenzene	11.520	112	84511	18.906	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	31132	18.686	ug/l	99
67) Ethyl Benzene	11.593	91	162006	19.067	ug/l	98
68) m/p-Xylenes	11.703	106	121547	37.726	ug/l	100
69) o-Xylene	12.032	106	58393	19.190	ug/l	99
70) Styrene	12.044	104	99694	19.125	ug/l	100
71) Bromoform	12.209	173	20300	19.460	ug/l #	99
73) Isopropylbenzene	12.331	105	154048	18.657	ug/l	100
74) N-amyl acetate	12.148	43	57222	20.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	30126	19.610	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	21599m	19.213	ug/l	
77) Bromobenzene	12.611	156	35698	18.529	ug/l	98
78) n-propylbenzene	12.672	91	190467	18.644	ug/l	99
79) 2-Chlorotoluene	12.758	91	106469	19.168	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	131340	19.180	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	11567	18.916	ug/l	97
82) 4-Chlorotoluene	12.855	91	110535	19.252	ug/l	99
83) tert-Butylbenzene	13.075	119	112022	19.127	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	130078	19.146	ug/l	100
85) sec-Butylbenzene	13.251	105	166888	19.035	ug/l	99
86) p-Isopropyltoluene	13.373	119	142447	19.031	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	71499	19.243	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	72062	19.336	ug/l	99
89) n-Butylbenzene	13.696	91	135649	19.380	ug/l	99
90) Hexachloroethane	13.965	117	25798	19.152	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	64160	19.671	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6251	20.510	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	42367	20.002	ug/l	100
94) Hexachlorobutadiene	15.111	225	26647	19.444	ug/l	99
95) Naphthalene	15.239	128	86609	20.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	36690	19.989	ug/l	100

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

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