

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005097.D
 Acq On : 11 Jun 2021 00:56
 Operator : SY/MD
 Sample : VY0610SBS02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS02

Manual Integrations
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 6/11/2021 6:06:43 PM

Quant Time: Jun 11 05:11:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	190306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	303144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108209	53.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.580%	
35) Dibromofluoromethane	7.728	113	94914	54.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.340%	
50) Toluene-d8	10.185	98	380386	52.272	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.540%	
62) 4-Bromofluorobenzene	12.483	95	126256	50.448	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	40461	23.413	ug/l	97
3) Chloromethane	2.119	50	49934	21.162	ug/l	99
4) Vinyl Chloride	2.259	62	48381	21.312	ug/l	98
5) Bromomethane	2.650	94	26070	20.262	ug/l	88
6) Chloroethane	2.796	64	27799	20.473	ug/l	99
7) Trichlorofluoromethane	3.131	101	71839	22.374	ug/l	96
8) Diethyl Ether	3.534	74	28076	22.521	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	41549	21.216	ug/l	97
10) Methyl Iodide	4.094	142	46935	25.105	ug/l	97
11) Tert butyl alcohol	4.978	59	23190	100.229	ug/l #	85
12) 1,1-Dichloroethene	3.881	96	42047	21.499	ug/l	95
13) Acrolein	3.741	56	23223	92.236	ug/l	100
14) Allyl chloride	4.491	41	68314	19.158	ug/l	96
15) Acrylonitrile	5.180	53	63620	108.523	ug/l	97
16) Acetone	3.960	43	51494	106.325	ug/l	91
17) Carbon Disulfide	4.198	76	125270	20.829	ug/l	99
18) Methyl Acetate	4.491	43	32376	20.861	ug/l	95
19) Methyl tert-butyl Ether	5.234	73	112359	22.318	ug/l	93
20) Methylene Chloride	4.728	84	65491	25.151	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	47358	21.572	ug/l	92
22) Diisopropyl ether	6.131	45	134841	20.599	ug/l	96
23) Vinyl Acetate	6.076	43	481420	101.081	ug/l	97
24) 1,1-Dichloroethane	6.027	63	83967	21.312	ug/l	98
25) 2-Butanone	7.002	43	84729	104.041	ug/l	99
26) 2,2-Dichloropropane	6.990	77	62496	18.768	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	52996	22.029	ug/l	96
28) Bromochloromethane	7.344	49	35790	20.335	ug/l	91
29) Tetrahydrofuran	7.362	42	51579	99.586	ug/l	93
30) Chloroform	7.515	83	85074	22.772	ug/l	100
31) Cyclohexane	7.789	56	65788	18.573	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	73685	22.484	ug/l	98
36) 1,1-Dichloropropene	7.923	75	62188	19.511	ug/l	99
37) Ethyl Acetate	7.088	43	40445	19.291	ug/l #	96
38) Carbon Tetrachloride	7.905	117	58961	21.256	ug/l	98
39) Methylcyclohexane	9.185	83	67329	19.124	ug/l	94
40) Benzene	8.167	78	194247	21.300	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	22649m	19.651	ug/l	
42) 1,2-Dichloroethane	8.246	62	57244	21.742	ug/l	100
43) Isopropyl Acetate	8.283	43	70858	18.825	ug/l	95
44) Trichloroethene	8.947	130	51529	21.589	ug/l	99
45) 1,2-Dichloropropane	9.222	63	48026	20.121	ug/l	93
46) Dibromomethane	9.313	93	27477	21.555	ug/l	96
47) Bromodichloromethane	9.502	83	65899	22.020	ug/l	95
48) Methyl methacrylate	9.301	41	33822	19.749	ug/l	95
49) 1,4-Dioxane	9.307	88	6043	392.659	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	190384	96.485	ug/l	96
52) Toluene	10.246	92	119016	21.568	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	68691	20.738	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	77805	20.674	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	39721	22.419	ug/l	95
56) Ethyl methacrylate	10.514	69	51983	20.493	ug/l	96
57) 1,3-Dichloropropane	10.794	76	67876	21.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	136189	106.243	ug/l	96
59) 2-Hexanone	10.837	43	128431	96.295	ug/l	96
60) Dibromochloromethane	10.990	129	45887	22.770	ug/l	100
61) 1,2-Dibromoethane	11.093	107	38297	22.537	ug/l	99
64) Tetrachloroethene	10.721	164	54021	21.311	ug/l	95
65) Chlorobenzene	11.520	112	128023	21.315	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	47033	21.966	ug/l	98
67) Ethyl Benzene	11.593	91	224888	20.260	ug/l	99
68) m/p-Xylenes	11.703	106	169816	40.833	ug/l	100
69) o-Xylene	12.032	106	82106	21.201	ug/l	96
70) Styrene	12.044	104	137941	21.378	ug/l	99
71) Bromoform	12.209	173	28096	22.254	ug/l #	97
73) Isopropylbenzene	12.331	105	215465	20.293	ug/l	100
74) N-amyl acetate	12.148	43	61518	17.957	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	43695	20.500	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	31948m	20.735	ug/l	
77) Bromobenzene	12.611	156	50965	21.482	ug/l	95
78) n-propylbenzene	12.672	91	257593	20.127	ug/l	100
79) 2-Chlorotoluene	12.757	91	144026	20.186	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	180940	20.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	16580	19.776	ug/l	96
82) 4-Chlorotoluene	12.855	91	148651	20.389	ug/l	97
83) tert-Butylbenzene	13.075	119	157439	21.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	179397	20.608	ug/l	99
85) sec-Butylbenzene	13.257	105	221023	20.489	ug/l	100
86) p-Isopropyltoluene	13.373	119	188726	20.395	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	96967	21.471	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	95617	21.228	ug/l	100
89) n-Butylbenzene	13.696	91	172766	19.412	ug/l	99
90) Hexachloroethane	13.958	117	30701	22.353	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	86630	21.710	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7851	22.246	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	51803	20.672	ug/l	100
94) Hexachlorobutadiene	15.111	225	28417	21.494	ug/l	99
95) Naphthalene	15.239	128	122188	22.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	48750	22.098	ug/l	99

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

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