

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005071.D
 Acq On : 10 Jun 2021 11:47
 Operator : SY/MD
 Sample : VY0610SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Manual Integrations
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MMDadoda
 6/11/2021 6:06:33 PM

Quant Time: Jun 11 05:03:49 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	7.795	168	212260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	323491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110570	49.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.540%
35) Dibromofluoromethane	7.728	113	94902	50.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.185	98	394499	50.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.483	95	129808	48.213	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43559	22.599	ug/l	100
3) Chloromethane	2.113	50	55238	20.988	ug/l	99
4) Vinyl Chloride	2.253	62	51558	20.362	ug/l	98
5) Bromomethane	2.650	94	27644	19.264	ug/l	92
6) Chloroethane	2.796	64	29927	19.760	ug/l	98
7) Trichlorofluoromethane	3.125	101	76590	21.386	ug/l	97
8) Diethyl Ether	3.534	74	28863	20.757	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	45483	20.822	ug/l	99
10) Methyl Iodide	4.101	142	45758	21.944	ug/l	96
11) Tert butyl alcohol	4.985	59	23856	92.443	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	44952	20.607	ug/l	95
13) Acrolein	3.741	56	25200	88.829	ug/l	99
14) Allyl chloride	4.485	41	75073	18.876	ug/l	97
15) Acrylonitrile	5.174	53	66157	101.178	ug/l	98
16) Acetone	3.960	43	53838	99.667	ug/l	98
17) Carbon Disulfide	4.204	76	134724	20.084	ug/l	98
18) Methyl Acetate	4.485	43	33665	19.448	ug/l	91
19) Methyl tert-butyl Ether	5.229	73	113505	20.214	ug/l	97
20) Methylene Chloride	4.723	84	63216	20.861	ug/l	90
21) trans-1,2-Dichloroethene	5.229	96	49359	20.158	ug/l	96
22) Diisopropyl ether	6.131	45	144243	19.756	ug/l	97
23) Vinyl Acetate	6.070	43	525464	98.918	ug/l	98
24) 1,1-Dichloroethane	6.027	63	87351	19.878	ug/l	99
25) 2-Butanone	6.997	43	88231	97.136	ug/l	97
26) 2,2-Dichloropropane	6.990	77	74574	20.079	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	54595	20.346	ug/l	96
28) Bromochloromethane	7.338	49	39455	20.099	ug/l	94
29) Tetrahydrofuran	7.356	42	56925	98.540	ug/l	98
30) Chloroform	7.515	83	87394	20.973	ug/l	99
31) Cyclohexane	7.789	56	74887	18.955	ug/l #	89
32) 1,1,1-Trichloroethane	7.710	97	77747	21.270	ug/l	99
36) 1,1-Dichloropropene	7.923	75	68913	20.098	ug/l	99
37) Ethyl Acetate	7.082	43	45341	20.102	ug/l	98
38) Carbon Tetrachloride	7.905	117	63106	21.147	ug/l	98
39) Methylcyclohexane	9.185	83	75559	19.949	ug/l	95
40) Benzene	8.167	78	202636	20.654	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	25011	20.171	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	57965	20.465	ug/l	100
43) Isopropyl Acetate	8.283	43	77829	19.220	ug/l	97
44) Trichloroethene	8.941	130	54210	21.112	ug/l	99
45) 1,2-Dichloropropane	9.222	63	51618	20.102	ug/l	94
46) Dibromomethane	9.307	93	29385	21.428	ug/l	99
47) Bromodichloromethane	9.502	83	67193	20.870	ug/l	97
48) Methyl methacrylate	9.295	41	33782	18.336	ug/l	93
49) 1,4-Dioxane	9.307	88	6855	414.033	ug/l	89
51) 4-Methyl-2-Pentanone	10.075	43	208109	98.036	ug/l	97
52) Toluene	10.246	92	126805	21.360	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	72110	20.236	ug/l	93
54) cis-1,3-Dichloropropene	9.929	75	83694	20.672	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	40463	21.228	ug/l	98
56) Ethyl methacrylate	10.514	69	55608	20.378	ug/l	95
57) 1,3-Dichloropropane	10.795	76	71710	21.142	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	146373	106.141	ug/l	98
59) 2-Hexanone	10.837	43	142596	99.382	ug/l	100
60) Dibromochloromethane	10.990	129	47649	21.978	ug/l	100
61) 1,2-Dibromoethane	11.093	107	39018	21.343	ug/l	99
64) Tetrachloroethene	10.721	164	55913	20.670	ug/l	96
65) Chlorobenzene	11.520	112	134009	20.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	48970	21.432	ug/l	99
67) Ethyl Benzene	11.593	91	237975	20.091	ug/l	99
68) m/p-Xylenes	11.703	106	180112	40.584	ug/l	99
69) o-Xylene	12.032	106	83348	20.168	ug/l	99
70) Styrene	12.044	104	142370	20.676	ug/l	99
71) Bromoform	12.209	173	28831	21.400	ug/l #	99
73) Isopropylbenzene	12.331	105	226477	19.641	ug/l	99
74) N-amyl acetate	12.148	43	68685	18.462	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	46757	20.200	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	33632m	20.099	ug/l	
77) Bromobenzene	12.611	156	52335	20.313	ug/l	99
78) n-propylbenzene	12.672	91	274614	19.758	ug/l	99
79) 2-Chlorotoluene	12.758	91	152621	19.698	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	191483	20.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17989	19.757	ug/l	98
82) 4-Chlorotoluene	12.855	91	158703	20.044	ug/l	100
83) tert-Butylbenzene	13.075	119	157721	19.601	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	190327	20.133	ug/l	100
85) sec-Butylbenzene	13.251	105	234849	20.047	ug/l	99
86) p-Isopropyltoluene	13.367	119	202458	20.147	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	100491	20.490	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	100756	20.598	ug/l	99
89) n-Butylbenzene	13.697	91	195115	20.187	ug/l	98
90) Hexachloroethane	13.965	117	30959	20.757	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	89288	20.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8083	21.090	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	56080	20.607	ug/l	100
94) Hexachlorobutadiene	15.111	225	30023	20.911	ug/l	100
95) Naphthalene	15.239	128	125395	20.960	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	50146	20.931	ug/l	99

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

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