

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
 Data File : VY004876.D
 Acq On : 26 May 2021 11:10
 Operator : SY/MD
 Sample : VY0526SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0526SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:32:52 AM

Quant Time: May 27 01:13:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	199984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	324001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	290813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119209	50.08	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.16%			
35) Dibromofluoromethane	7.728	113	99659	56.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.38%			
50) Toluene-d8	10.185	98	422757	52.76	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.52%			
62) 4-Bromofluorobenzene	12.483	95	132282	48.91	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	36404	19.88	ug/l	99
3) Chloromethane	2.119	50	55994	18.87	ug/l	93
4) Vinyl Chloride	2.253	62	54650	18.00	ug/l	97
5) Bromomethane	2.649	94	33700	21.76	ug/l	97
6) Chloroethane	2.796	64	33146	18.50	ug/l	100
7) Trichlorofluoromethane	3.131	101	72460	20.10	ug/l	94
8) Diethyl Ether	3.533	74	25848	20.29	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	42033	20.55	ug/l	98
10) Methyl Iodide	4.100	142	34280	15.68	ug/l	98
11) Tert butyl alcohol	4.972	59	22205	92.82	ug/l	97
12) 1,1-Dichloroethene	3.875	96	40778	20.63	ug/l	95
13) Acrolein	3.741	56	22799	81.07	ug/l	99
14) Allyl chloride	4.485	41	77842	20.15	ug/l	98
15) Acrylonitrile	5.173	53	61753	96.72	ug/l	99
16) Acetone	3.960	43	50794	95.00	ug/l	95
17) Carbon Disulfide	4.204	76	125615	20.81	ug/l	99
18) Methyl Acetate	4.485	43	33575	19.69	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	105302	19.37	ug/l	98
20) Methylene Chloride	4.728	84	62039	19.89	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	46350	20.64	ug/l	96
22) Diisopropyl ether	6.131	45	151030	20.33	ug/l	99
23) Vinyl Acetate	6.070	43	532349	95.40	ug/l	100
24) 1,1-Dichloroethane	6.027	63	86912	20.79	ug/l	99
25) 2-Butanone	6.996	43	85852	90.38	ug/l	97
26) 2,2-Dichloropropane	6.984	77	73317	20.08	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	52538	21.06	ug/l	95
28) Bromochloromethane	7.344	49	42135	20.63	ug/l	98
29) Tetrahydrofuran	7.362	42	54819	90.47	ug/l	99
30) Chloroform	7.514	83	83380	20.24	ug/l	100
31) Cyclohexane	7.789	56	76870	19.95	ug/l #	93
32) 1,1,1-Trichloroethane	7.710	97	72999	19.77	ug/l	99
36) 1,1-Dichloropropene	7.923	75	67338	20.28	ug/l	99
37) Ethyl Acetate	7.082	43	42421	18.64	ug/l	98
38) Carbon Tetrachloride	7.905	117	57586	19.29	ug/l	99
39) Methylcyclohexane	9.185	83	71175	19.66	ug/l	98
40) Benzene	8.167	78	196203	20.90	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21909	17.62	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	57389	19.36	ug/l	98
43) Isopropyl Acetate	8.283	43	77540	18.36	ug/l	98
44) Trichloroethene	8.947	130	50716	20.10	ug/l	95
45) 1,2-Dichloropropane	9.221	63	50747	20.67	ug/l	98
46) Dibromomethane	9.313	93	26811	19.63	ug/l	98
47) Bromodichloromethane	9.502	83	64576	19.93	ug/l	99
48) Methyl methacrylate	9.301	41	34616	18.01	ug/l	97
49) 1,4-Dioxane	9.301	88	5820	361.92	ug/l	87
51) 4-Methyl-2-Pentanone	10.075	43	203756	89.65	ug/l	98
52) Toluene	10.246	92	119098	20.10	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	69044	19.24	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	80062	20.05	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	36768	19.56	ug/l	99
56) Ethyl methacrylate	10.514	69	51331	18.89	ug/l	96
57) 1,3-Dichloropropane	10.794	76	65701	19.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	142570	101.62	ug/l	100
59) 2-Hexanone	10.837	43	135732	88.13	ug/l	97
60) Dibromochloromethane	10.989	129	41301	18.48	ug/l	98
61) 1,2-Dibromoethane	11.093	107	35005	19.32	ug/l	98
64) Tetrachloroethene	10.721	164	52712	20.06	ug/l	96
65) Chlorobenzene	11.520	112	122977	20.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	43708	20.09	ug/l	100
67) Ethyl Benzene	11.593	91	222335	19.99	ug/l	98
68) m/p-Xylenes	11.703	106	169503	40.57	ug/l	98
69) o-Xylene	12.032	106	76979	19.71	ug/l	97
70) Styrene	12.044	104	130102	19.87	ug/l	99
71) Bromoform	12.209	173	24574	18.64	ug/l #	99
73) Isopropylbenzene	12.331	105	209437	19.91	ug/l	100
74) N-amyl acetate	12.142	43	66856	17.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	40714	19.40	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	28148m	19.01	ug/l	
77) Bromobenzene	12.611	156	47432	19.97	ug/l	98
78) n-propylbenzene	12.672	91	257815	20.08	ug/l	99
79) 2-Chlorotoluene	12.757	91	140862	20.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	175492	20.09	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	15080	17.66	ug/l	94
82) 4-Chlorotoluene	12.855	91	148866	20.35	ug/l	99
83) tert-Butylbenzene	13.074	119	149618	20.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	178109	20.37	ug/l	100
85) sec-Butylbenzene	13.251	105	223963	20.66	ug/l	100
86) p-Isopropyltoluene	13.367	119	190025	20.22	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	93850	20.15	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	94022	20.48	ug/l	99
89) n-Butylbenzene	13.696	91	186232	20.27	ug/l	99
90) Hexachloroethane	13.958	117	27057	20.44	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	82183	20.00	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6936	17.68	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	51342	19.40	ug/l	98
94) Hexachlorobutadiene	15.111	225	28489	19.87	ug/l	97
95) Naphthalene	15.239	128	106030	18.51	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46202	19.72	ug/l	98

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

