Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
Data File : VY004072.D
Acq On : 11 Mar 2021 13:07
Operator : SY/MD
Sample : VY0311SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Manual Integrations APPROVED
MMDadoda
3/12/2021 2:01:59 PM

Quant Time: Mar 12 01:17:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	237161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	374153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	341228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113704	48.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.16%			
35) Dibromofluoromethane	7.728	113	107514	50.96	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.92%			
50) Toluene-d8	10.185	98	404251	48.87	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.74%			
62) 4-Bromofluorobenzene	12.483	95	149043	48.79	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	43414	23.85	ug/l	95
3) Chloromethane	2.119	50	54927	21.86	ug/l	100
4) Vinyl Chloride	2.259	62	63289	22.08	ug/l	96
5) Bromomethane	2.644	94	43780	23.91	ug/l	99
6) Chloroethane	2.796	64	38769	22.21	ug/l	98
7) Trichlorofluoromethane	3.131	101	78776	20.68	ug/l	100
8) Diethyl Ether	3.540	74	26362	21.59	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.905	101	43232	20.29	ug/l	97
10) Methyl Iodide	4.101	142	43402	19.93	ug/l	99
11) Tert butyl alcohol	4.966	59	22570	106.66	ug/l	96
12) 1,1-Dichloroethene	3.881	96	42128	20.20	ug/l	93
13) Acrolein	3.741	56	18552	88.38	ug/l	96
14) Allyl chloride	4.485	41	65616	19.02	ug/l	91
15) Acrylonitrile	5.180	53	61153	100.77	ug/l	100
16) Acetone	3.954	43	47065	83.31	ug/l	92
17) Carbon Disulfide	4.198	76	125819	20.52	ug/l	96
18) Methyl Acetate	4.485	43	27453	19.67	ug/l	94
19) Methyl tert-butyl Ether	5.235	73	122148	20.57	ug/l	97
20) Methylene Chloride	4.729	84	52273	19.99	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	47745	20.38	ug/l	92
22) Diisopropyl ether	6.131	45	139821	19.21	ug/l	98
23) Vinyl Acetate	6.070	43	468271	97.72	ug/l	95
24) 1,1-Dichloroethane	6.027	63	80298	19.87	ug/l	98
25) 2-Butanone	6.996	43	78088	95.89	ug/l	91
26) 2,2-Dichloropropane	6.990	77	72720	18.84	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	53938	20.22	ug/l	92
28) Bromochloromethane	7.338	49	35627	20.18	ug/l	90
29) Tetrahydrofuran	7.356	42	53141	100.45	ug/l	91
30) Chloroform	7.515	83	84900	20.27	ug/l	99
31) Cyclohexane	7.789	56	77555	18.89	ug/l #	86
32) 1,1,1-Trichloroethane	7.710	97	77744	20.01	ug/l	99
36) 1,1-Dichloropropene	7.923	75	65413	19.90	ug/l	98
37) Ethyl Acetate	7.076	43	35759	20.19	ug/l #	95
38) Carbon Tetrachloride	7.905	117	70801	20.30	ug/l	98
39) Methylcyclohexane	9.185	83	84859	19.99	ug/l	91
40) Benzene	8.167	78	188485	20.36	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	21115m	19.25	ug/l		
42) 1,2-Dichloroethane	8.246	62	58117	20.53	ug/l		96
43) Isopropyl Acetate	8.277	43	70071	19.72	ug/l		96
44) Trichloroethene	8.941	130	59083	22.03	ug/l		97
45) 1,2-Dichloropropane	9.222	63	45974	19.89	ug/l		100
46) Dibromomethane	9.307	93	28299	21.41	ug/l		95
47) Bromodichloromethane	9.502	83	66566	20.17	ug/l	#	99
48) Methyl methacrylate	9.295	41	32727	19.39	ug/l		90
49) 1,4-Dioxane	9.301	88	6912	410.80	ug/l		94
51) 4-Methyl-2-Pentanone	10.075	43	179736	99.89	ug/l		96
52) Toluene	10.246	92	122849	20.49	ug/l		95
53) t-1,3-Dichloropropene	10.465	75	69061	19.84	ug/l		100
54) cis-1,3-Dichloropropene	9.929	75	77593	19.89	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	38974	20.97	ug/l		98
56) Ethyl methacrylate	10.514	69	52328	20.14	ug/l		91
57) 1,3-Dichloropropane	10.794	76	65049	20.44	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	130379	118.57	ug/l		94
59) 2-Hexanone	10.831	43	124254	98.29	ug/l		98
60) Dibromochloromethane	10.990	129	48767	20.90	ug/l		100
61) 1,2-Dibromoethane	11.093	107	38110	21.06	ug/l		99
64) Tetrachloroethene	10.721	164	66030	23.12	ug/l		96
65) Chlorobenzene	11.520	112	134144	20.51	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	48430	19.80	ug/l		98
67) Ethyl Benzene	11.593	91	235897	19.65	ug/l		98
68) m/p-Xylenes	11.703	106	183212	40.01	ug/l		94
69) o-Xylene	12.032	106	86545	20.00	ug/l		96
70) Styrene	12.044	104	146847	19.81	ug/l		98
71) Bromoform	12.209	173	30565	20.88	ug/l	#	99
73) Isopropylbenzene	12.331	105	233406	19.52	ug/l		99
74) N-amyl acetate	12.148	43	63760	18.62	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	36858	17.74	ug/l		100
76) 1,2,3-Trichloropropane	12.636	75	30537m	18.51	ug/l		
77) Bromobenzene	12.611	156	57750	20.90	ug/l		96
78) n-propylbenzene	12.672	91	273396	19.40	ug/l		97
79) 2-Chlorotoluene	12.758	91	154761	19.57	ug/l		97
80) 1,3,5-Trimethylbenzene	12.812	105	199116	19.63	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.380	75	16164	19.33	ug/l		99
82) 4-Chlorotoluene	12.855	91	162825	19.45	ug/l		97
83) tert-Butylbenzene	13.075	119	174912	20.04	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	200502	19.74	ug/l		97
85) sec-Butylbenzene	13.257	105	237305	19.72	ug/l		97
86) p-Isopropyltoluene	13.373	119	220682	19.78	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	109477	20.53	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	110305	20.72	ug/l		98
89) n-Butylbenzene	13.696	91	205680	19.37	ug/l		99
90) Hexachloroethane	13.965	117	39107	19.51	ug/l		85
91) 1,2-Dichlorobenzene	13.739	146	98074	20.73	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7921	20.18	ug/l		87
93) 1,2,4-Trichlorobenzene	15.007	180	68862	21.47	ug/l		97
94) Hexachlorobutadiene	15.111	225	36128	20.09	ug/l		98
95) Naphthalene	15.239	128	138488	21.79	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	59293	21.98	ug/l		98

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

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