Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032321\
Data File : VY004168.D
Acq On : 23 Mar 2021 11:04
Operator : SY/MD
Sample : VY0323SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBSD01

Manual Integrations APPROVED
MMDadoda
3/24/2021 6:16:34 PM

Quant Time: Mar 24 01:17:34 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	7.801	168	207243	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	323209	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	291635	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152055	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	100368	49.08	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.16%				
35) Dibromofluoromethane	7.728	113	93064	51.06	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.12%				
50) Toluene-d8	10.185	98	349427	48.90	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.80%				
62) 4-Bromofluorobenzene	12.483	95	127869	48.45	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	37631	23.61	ug/l		97
3) Chloromethane	2.119	50	43563	19.44	ug/l		95
4) Vinyl Chloride	2.260	62	51458	20.55	ug/l		98
5) Bromomethane	2.638	94	33348	20.84	ug/l		99
6) Chloroethane	2.790	64	29860	19.58	ug/l		98
7) Trichlorofluoromethane	3.131	101	71571	21.50	ug/l		100
8) Diethyl Ether	3.540	74	23205	21.75	ug/l		84
9) 1,1,2-Trichlorotrifluo...	3.912	101	38689	20.78	ug/l		98
10) Methyl Iodide	4.107	142	39887	20.96	ug/l		98
11) Tert butyl alcohol	4.979	59	22034	119.16	ug/l		98
12) 1,1-Dichloroethene	3.881	96	37487	20.57	ug/l		93
13) Acrolein	3.741	56	13777	75.11	ug/l		100
14) Allyl chloride	4.491	41	55411	18.39	ug/l	#	89
15) Acrylonitrile	5.180	53	55999	105.60	ug/l		99
16) Acetone	3.954	43	48230	97.70	ug/l		93
17) Carbon Disulfide	4.204	76	103618	19.34	ug/l		98
18) Methyl Acetate	4.491	43	24942	20.45	ug/l		91
19) Methyl tert-butyl Ether	5.235	73	110085	21.22	ug/l		98
20) Methylene Chloride	4.729	84	43442	18.74	ug/l		91
21) trans-1,2-Dichloroethene	5.235	96	42097	20.56	ug/l		93
22) Diisopropyl ether	6.137	45	120556	18.95	ug/l		97
23) Vinyl Acetate	6.076	43	411826	98.34	ug/l	#	94
24) 1,1-Dichloroethane	6.033	63	71130	20.14	ug/l		97
25) 2-Butanone	7.003	43	73030	102.62	ug/l	#	87
26) 2,2-Dichloropropane	6.990	77	65671	19.47	ug/l		99
27) cis-1,2-Dichloroethene	7.003	96	47957	20.58	ug/l		90
28) Bromochloromethane	7.344	49	31533	20.44	ug/l		85
29) Tetrahydrofuran	7.362	42	47637	103.04	ug/l		92
30) Chloroform	7.521	83	75217	20.55	ug/l		100
31) Cyclohexane	7.795	56	67324	18.77	ug/l		90
32) 1,1,1-Trichloroethane	7.716	97	70139	20.66	ug/l		98
36) 1,1-Dichloropropene	7.929	75	57444	20.23	ug/l		97
37) Ethyl Acetate	7.088	43	32528	21.26	ug/l		98
38) Carbon Tetrachloride	7.911	117	62270	20.67	ug/l		94
39) Methylcyclohexane	9.191	83	74620	20.34	ug/l		90
40) Benzene	8.167	78	166266	20.79	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.338	41	19807m	20.90	ug/l		
42) 1,2-Dichloroethane	8.246	62	52333	21.41	ug/l		97
43) Isopropyl Acetate	8.283	43	64269	20.94	ug/l		97
44) Trichloroethene	8.947	130	50656	21.87	ug/l		99
45) 1,2-Dichloropropane	9.222	63	41012	20.54	ug/l		95
46) Dibromomethane	9.313	93	25246	22.11	ug/l		96
47) Bromodichloromethane	9.502	83	59604	20.91	ug/l		96
48) Methyl methacrylate	9.295	41	28892	19.81	ug/l	#	86
49) 1,4-Dioxane	9.301	88	6979	480.16	ug/l		92
51) 4-Methyl-2-Pentanone	10.075	43	164827	106.04	ug/l		96
52) Toluene	10.246	92	109408	21.12	ug/l		95
53) t-1,3-Dichloropropene	10.472	75	61400	20.42	ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	68916	20.45	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	35229	21.94	ug/l		99
56) Ethyl methacrylate	10.514	69	47296	21.07	ug/l		91
57) 1,3-Dichloropropane	10.795	76	59036	21.47	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	119538	127.06	ug/l		94
59) 2-Hexanone	10.837	43	114228	104.60	ug/l		97
60) Dibromochloromethane	10.990	129	44377	22.01	ug/l		99
61) 1,2-Dibromoethane	11.093	107	34931	22.34	ug/l		98
64) Tetrachloroethene	10.721	164	57392	23.51	ug/l		95
65) Chlorobenzene	11.520	112	121304	21.71	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	44824	21.44	ug/l		99
67) Ethyl Benzene	11.593	91	210871	20.55	ug/l		96
68) m/p-Xylenes	11.703	106	165627	42.33	ug/l		93
69) o-Xylene	12.032	106	77841	21.04	ug/l		94
70) Styrene	12.044	104	131004	20.68	ug/l		97
71) Bromoform	12.209	173	27953	22.35	ug/l	#	100
73) Isopropylbenzene	12.331	105	212810	20.14	ug/l		99
74) N-amyl acetate	12.148	43	57536	19.01	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	36850	20.07	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	28468m	19.53	ug/l		
77) Bromobenzene	12.611	156	52169	21.37	ug/l		96
78) n-propylbenzene	12.672	91	247173	19.85	ug/l		98
79) 2-Chlorotoluene	12.758	91	137787	19.71	ug/l		97
80) 1,3,5-Trimethylbenzene	12.813	105	177043	19.75	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.380	75	14392	19.48	ug/l		96
82) 4-Chlorotoluene	12.855	91	144941	19.59	ug/l		94
83) tert-Butylbenzene	13.075	119	156747	20.33	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	179173	19.96	ug/l		97
85) sec-Butylbenzene	13.258	105	213465	20.07	ug/l		97
86) p-Isopropyltoluene	13.373	119	200952	20.38	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	98963	21.00	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	99096	21.07	ug/l		98
89) n-Butylbenzene	13.697	91	186209	19.85	ug/l		99
90) Hexachloroethane	13.965	117	34777	19.63	ug/l		86
91) 1,2-Dichlorobenzene	13.739	146	89444	21.40	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7083	20.42	ug/l		86
93) 1,2,4-Trichlorobenzene	15.007	180	61901	21.84	ug/l		98
94) Hexachlorobutadiene	15.117	225	33220	20.90	ug/l		99
95) Naphthalene	15.239	128	126057	22.44	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	53690	22.52	ug/l		99

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

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