Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068331.D
Acq On : 09 Feb 2021 13:16
Operator : VA/SY
Sample : VD0209SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

Manual Integrations APPROVED
MMDadoda
2/10/2021 10:06:59 AM

Quant Time: Feb 10 00:17:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	322077	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	551101	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.649	117	494172	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	228654	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.338	65	139595	45.31	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.62%				
35) Dibromofluoromethane	7.920	113	150029	49.24	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.48%				
50) Toluene-d8	10.344	98	526252	43.18	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.36%				
62) 4-Bromofluorobenzene	12.632	95	192557	43.87	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.74%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	79574	20.80	ug/l		99
3) Chloromethane	2.209	50	90306	21.92	ug/l		94
4) Vinyl Chloride	2.350	62	105242	22.96	ug/l		97
5) Bromomethane	2.762	94	73413	23.36	ug/l		97
6) Chloroethane	2.920	64	69244	24.73	ug/l		97
7) Trichlorofluoromethane	3.279	101	132734	22.07	ug/l		99
8) Diethyl Ether	3.715	74	37334	21.08	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.103	101	82325	23.47	ug/l		94
10) Methyl Iodide	4.303	142	70811	20.02	ug/l		94
11) Tert butyl alcohol	5.214	59	29503	56.29	ug/l	#	85
12) 1,1-Dichloroethene	4.067	96	77088	21.85	ug/l		98
13) Acrolein	3.926	56	20532	84.56	ug/l		99
14) Allyl chloride	4.726	41	97953	19.08	ug/l		96
15) Acrylonitrile	5.426	53	79592	113.45	ug/l		98
16) Acetone	4.162	43	64304	116.89	ug/l		92
17) Carbon Disulfide	4.415	76	219148	19.28	ug/l		98
18) Methyl Acetate	4.720	43	30732	21.52	ug/l	#	69
19) Methyl tert-butyl Ether	5.479	73	174019	21.33	ug/l		98
20) Methylene Chloride	4.967	84	99425	23.79	ug/l		88
21) trans-1,2-Dichloroethene	5.479	96	88582	21.87	ug/l		93
22) Diisopropyl ether	6.361	45	220130	21.25	ug/l		93
23) Vinyl Acetate	6.309	43	569474	103.15	ug/l		96
24) 1,1-Dichloroethane	6.267	63	151206	22.53	ug/l		98
25) 2-Butanone	7.214	43	86321	104.21	ug/l		96
26) 2,2-Dichloropropane	7.214	77	128024	20.16	ug/l		100
27) cis-1,2-Dichloroethene	7.214	96	102310	23.26	ug/l		97
28) Bromochloromethane	7.550	49	50132	21.93	ug/l		84
29) Tetrahydrofuran	7.567	42	54776	102.01	ug/l		99
30) Chloroform	7.714	83	154003	22.71	ug/l		94
31) Cyclohexane	7.985	56	134213	20.12	ug/l		94
32) 1,1,1-Trichloroethane	7.908	97	134615	22.03	ug/l		96
36) 1,1-Dichloropropene	8.114	75	124061	22.32	ug/l		97
37) Ethyl Acetate	7.297	43	42825	21.78	ug/l		96
38) Carbon Tetrachloride	8.103	117	114303	21.97	ug/l		98
39) Methylcyclohexane	9.355	83	150936	20.77	ug/l		99
40) Benzene	8.355	78	348377	22.42	ug/l		96

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41) Methacrylonitrile	7.520	41	22357	18.84	ug/l		94
42) 1,2-Dichloroethane	8.426	62	93231	22.45	ug/l		98
43) Isopropyl Acetate	8.455	43	79723	19.46	ug/l		98
44) Trichloroethene	9.114	130	95790	22.45	ug/l		93
45) 1,2-Dichloropropane	9.391	63	86205	22.65	ug/l		96
46) Dibromomethane	9.479	93	45513	23.60	ug/l		89
47) Bromodichloromethane	9.667	83	120898	23.24	ug/l		97
48) Methyl methacrylate	9.455	41	37330	18.31	ug/l		89
49) 1,4-Dioxane	9.461	88	9818	434.52	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.232	43	196527	103.20	ug/l		99
52) Toluene	10.408	92	223909	22.12	ug/l		94
53) t-1,3-Dichloropropene	10.620	75	110086	20.91	ug/l		100
54) cis-1,3-Dichloropropene	10.091	75	134766	21.50	ug/l		95
55) 1,1,2-Trichloroethane	10.802	97	65309	23.90	ug/l		93
56) Ethyl methacrylate	10.661	69	72806	20.00	ug/l	#	95
57) 1,3-Dichloropropane	10.949	76	108270	22.46	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.944	63	200863	119.58	ug/l		91
59) 2-Hexanone	10.985	43	133660	101.25	ug/l		100
60) Dibromochloromethane	11.144	129	78543	22.93	ug/l		100
61) 1,2-Dibromoethane	11.249	107	61453	22.79	ug/l		100
64) Tetrachloroethene	10.879	164	77519	22.26	ug/l		97
65) Chlorobenzene	11.673	112	242214	23.07	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.744	131	83203	22.53	ug/l		98
67) Ethyl Benzene	11.744	91	441414	22.70	ug/l		97
68) m/p-Xylenes	11.855	106	329915	44.95	ug/l		100
69) o-Xylene	12.179	106	153577	22.53	ug/l		95
70) Styrene	12.196	104	259271	22.28	ug/l		100
71) Bromoform	12.361	173	42452	22.68	ug/l	#	99
73) Isopropylbenzene	12.479	105	416498	21.89	ug/l		100
74) N-amyl acetate	12.291	43	70543	17.84	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	69138	22.85	ug/l		98
76) 1,2,3-Trichloropropane	12.785	75	48816m	22.08	ug/l		
77) Bromobenzene	12.761	156	91085	22.33	ug/l		89
78) n-propylbenzene	12.820	91	497494	22.10	ug/l		97
79) 2-Chlorotoluene	12.908	91	273112	21.61	ug/l		97
80) 1,3,5-Trimethylbenzene	12.961	105	342584	21.62	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	19830	18.15	ug/l		98
82) 4-Chlorotoluene	13.002	91	287321	21.86	ug/l		96
83) tert-Butylbenzene	13.226	119	295770	22.03	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	341991	21.74	ug/l		99
85) sec-Butylbenzene	13.402	105	412766	21.98	ug/l		99
86) p-Isopropyltoluene	13.514	119	370614	21.70	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	176533	22.51	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	177518	22.97	ug/l		99
89) n-Butylbenzene	13.843	91	355740	21.70	ug/l		98
90) Hexachloroethane	14.108	117	66151	21.44	ug/l		91
91) 1,2-Dichlorobenzene	13.885	146	149352	22.23	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.508	75	10233	20.66	ug/l		86
93) 1,2,4-Trichlorobenzene	15.161	180	101045	21.94	ug/l		98
94) Hexachlorobutadiene	15.261	225	53253	20.86	ug/l		98
95) Naphthalene	15.396	128	182845	21.18	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	86374	22.23	ug/l		97

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

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