Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068803.D
Acq On : 08 Apr 2021 21:44
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
4/9/2021 7:55:19 PM

Quant Time: Apr 09 01:06:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.985	168	827099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1394922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	1317904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	620394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	294858	33.73	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 67.46%			
35) Dibromofluoromethane	7.920	113	403220	44.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.88%			
50) Toluene-d8	10.338	98	1727178	50.46	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.92%			
62) 4-Bromofluorobenzene	12.632	95	570228	50.16	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	132849	16.21	ug/l	98
3) Chloromethane	2.209	50	169912	17.63	ug/l	99
4) Vinyl Chloride	2.350	62	213254	17.62	ug/l	98
5) Bromomethane	2.773	94	177017	19.56	ug/l	96
6) Chloroethane	2.926	64	141734	17.82	ug/l	100
7) Trichlorofluoromethane	3.279	101	280018	19.66	ug/l	96
8) Diethyl Ether	3.715	74	63405	16.48	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.103	101	163601	19.03	ug/l	97
10) Methyl Iodide	4.309	142	187766	20.08	ug/l	99
11) Tert butyl alcohol	5.226	59	26812	31.70	ug/l	97
12) 1,1-Dichloroethene	4.073	96	163678	19.77	ug/l	99
13) Acrolein	3.926	56	17934	52.13	ug/l	97
14) Allyl chloride	4.720	41	169530	18.17	ug/l	94
15) Acrylonitrile	5.432	53	104334	60.44	ug/l	98
16) Acetone	4.162	43	60963	50.36	ug/l	100
17) Carbon Disulfide	4.415	76	518606	19.35	ug/l	99
18) Methyl Acetate	4.720	43	37130	11.17	ug/l	94
19) Methyl tert-butyl Ether	5.485	73	284495	15.49	ug/l	97
20) Methylene Chloride	4.967	84	195518	16.74	ug/l	93
21) trans-1,2-Dichloroethene	5.479	96	212203	19.96	ug/l	97
22) Diisopropyl ether	6.367	45	389113	17.21	ug/l	96
23) Vinyl Acetate	6.309	43	859567	71.75	ug/l	95
24) 1,1-Dichloroethane	6.267	63	319316	18.73	ug/l	97
25) 2-Butanone	7.214	43	106091	61.94	ug/l	95
26) 2,2-Dichloropropane	7.214	77	280931	20.18	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	230685	21.83	ug/l	97
28) Bromochloromethane	7.550	49	104276	16.95	ug/l	89
29) Tetrahydrofuran	7.567	42	67115	58.26	ug/l	94
30) Chloroform	7.714	83	355085	19.03	ug/l	98
31) Cyclohexane	7.985	56	266696	18.34	ug/l	95
32) 1,1,1-Trichloroethane	7.908	97	326988	20.06	ug/l	98
36) 1,1-Dichloropropene	8.114	75	273034	19.34	ug/l	97
37) Ethyl Acetate	7.297	43	51292	12.37	ug/l #	75
38) Carbon Tetrachloride	8.103	117	282835	20.23	ug/l	96
39) Methylcyclohexane	9.361	83	321247	19.51	ug/l	97
40) Benzene	8.355	78	797152	19.29	ug/l	95

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41) Methacrylonitrile	7.526	41	32527	13.25	ug/l		91
42) 1,2-Dichloroethane	8.426	62	176316	16.14	ug/l		98
43) Isopropyl Acetate	8.450	43	111814	13.23	ug/l		95
44) Trichloroethene	9.114	130	240388	21.06	ug/l		90
45) 1,2-Dichloropropane	9.391	63	178554	18.09	ug/l		94
46) Dibromomethane	9.479	93	85198	15.50	ug/l		93
47) Bromodichloromethane	9.661	83	257583	17.94	ug/l		99
48) Methyl methacrylate	9.461	41	49479	11.88	ug/l		86
49) 1,4-Dioxane	9.461	88	14545	249.90	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.232	43	259424	60.88	ug/l		99
52) Toluene	10.402	92	540064	20.64	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	208457	16.38	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	266473	17.50	ug/l		98
55) 1,1,2-Trichloroethane	10.802	97	121529	15.63	ug/l		98
56) Ethyl methacrylate	10.661	69	123635	15.45	ug/l		97
57) 1,3-Dichloropropane	10.949	76	197998	15.47	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	307950	84.37	ug/l		97
59) 2-Hexanone	10.985	43	176637	61.95	ug/l		98
60) Dibromochloromethane	11.138	129	161615	16.58	ug/l		100
61) 1,2-Dibromoethane	11.249	107	115646	15.31	ug/l		98
64) Tetrachloroethene	10.879	164	193313	20.93	ug/l		96
65) Chlorobenzene	11.673	112	559624	19.62	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.744	131	195656	19.08	ug/l		98
67) Ethyl Benzene	11.744	91	1016768	20.58	ug/l		100
68) m/p-Xylenes	11.849	106	789005	41.39	ug/l		99
69) o-Xylene	12.179	106	358338	20.67	ug/l		99
70) Styrene	12.196	104	602921	19.96	ug/l		99
71) Bromoform	12.361	173	79516	14.47	ug/l	#	97
73) Isopropylbenzene	12.479	105	978150	21.59	ug/l		100
74) N-amyl acetate	12.285	43	104412	13.59	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.726	83	118397	13.98	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	75767m	13.37	ug/l		
77) Bromobenzene	12.761	156	210091	19.29	ug/l		93
78) n-propylbenzene	12.820	91	1147081	20.85	ug/l		99
79) 2-Chlorotoluene	12.908	91	622943	20.27	ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	800665	21.14	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	30979	12.68	ug/l		96
82) 4-Chlorotoluene	13.002	91	643790	19.76	ug/l		97
83) tert-Butylbenzene	13.220	119	675682	21.03	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	798298	20.87	ug/l		99
85) sec-Butylbenzene	13.396	105	957113	21.11	ug/l		100
86) p-Isopropyltoluene	13.514	119	870814	21.03	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	418142	19.38	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	402189	18.84	ug/l		98
89) n-Butylbenzene	13.838	91	808811	20.73	ug/l		99
90) Hexachloroethane	14.108	117	159379	19.32	ug/l		91
91) 1,2-Dichlorobenzene	13.885	146	329328	17.64	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	15335	11.91	ug/l		97
93) 1,2,4-Trichlorobenzene	15.155	180	220850	19.12	ug/l		98
94) Hexachlorobutadiene	15.261	225	140781	21.29	ug/l		97
95) Naphthalene	15.396	128	301836	15.00	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	172344	17.06	ug/l		98

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

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