Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021521\
Data File : VD068365.D
Acq On : 15 Feb 2021 16:05
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
2/16/2021 1:18:31 PM

Quant Time: Feb 16 00:16:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	368832	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	650988	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	596154	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	269025	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	218625	57.98	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.96%				
35) Dibromofluoromethane	7.920	113	214148	55.42	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.84%				
50) Toluene-d8	10.344	98	867279	54.15	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.30%				
62) 4-Bromofluorobenzene	12.632	95	285253	54.68	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.36%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	152637	45.16	ug/l		93
3) Chloromethane	2.209	50	190456	47.33	ug/l		95
4) Vinyl Chloride	2.350	62	227995	47.33	ug/l		98
5) Bromomethane	2.773	94	156385	45.42	ug/l		99
6) Chloroethane	2.926	64	151800	48.25	ug/l		100
7) Trichlorofluoromethane	3.279	101	280693	47.34	ug/l		98
8) Diethyl Ether	3.715	74	90801	52.15	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.103	101	174772	48.44	ug/l		92
10) Methyl Iodide	4.309	142	175408	51.77	ug/l		94
11) Tert butyl alcohol	5.220	59	48872	258.53	ug/l	#	93
12) 1,1-Dichloroethene	4.073	96	168408	48.01	ug/l		95
13) Acrolein	3.926	56	64925	300.35	ug/l		98
14) Allyl chloride	4.715	41	240825	52.80	ug/l		97
15) Acrylonitrile	5.432	53	203683	271.02	ug/l		99
16) Acetone	4.162	43	146818	252.38	ug/l		90
17) Carbon Disulfide	4.415	76	477683	47.02	ug/l		99
18) Methyl Acetate	4.720	43	86307	54.06	ug/l		94
19) Methyl tert-butyl Ether	5.479	73	416046	52.56	ug/l	#	90
20) Methylene Chloride	4.967	84	219955	54.69	ug/l		91
21) trans-1,2-Dichloroethene	5.473	96	198746	48.95	ug/l		93
22) Diisopropyl ether	6.373	45	550164	54.51	ug/l	#	90
23) Vinyl Acetate	6.314	43	1452742	278.77	ug/l		97
24) 1,1-Dichloroethane	6.273	63	351406	50.88	ug/l		99
25) 2-Butanone	7.214	43	220815	271.48	ug/l		98
26) 2,2-Dichloropropane	7.214	77	292636	49.54	ug/l		99
27) cis-1,2-Dichloroethene	7.214	96	235928	51.12	ug/l		96
28) Bromochloromethane	7.550	49	172282	60.15	ug/l	#	77
29) Tetrahydrofuran	7.561	42	145439	276.43	ug/l		94
30) Chloroform	7.714	83	371195	51.68	ug/l		99
31) Cyclohexane	7.985	56	293220	52.35	ug/l		93
32) 1,1,1-Trichloroethane	7.908	97	310846	50.08	ug/l		95
36) 1,1-Dichloropropene	8.114	75	278064	48.28	ug/l		96
37) Ethyl Acetate	7.297	43	104611	53.75	ug/l	#	95
38) Carbon Tetrachloride	8.103	117	266225	48.46	ug/l		91
39) Methylcyclohexane	9.355	83	331394	46.91	ug/l		96
40) Benzene	8.355	78	815819	49.66	ug/l		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	56951	50.84	ug/l		94
42) 1,2-Dichloroethane	8.426	62	227813	51.99	ug/l		98
43) Isopropyl Acetate	8.456	43	201606	54.10	ug/l		98
44) Trichloroethene	9.114	130	215661	48.24	ug/l		96
45) 1,2-Dichloropropane	9.391	63	207929	51.87	ug/l		94
46) Dibromomethane	9.479	93	107539	49.46	ug/l		93
47) Bromodichloromethane	9.661	83	290375	51.50	ug/l		98
48) Methyl methacrylate	9.461	41	98380	52.90	ug/l		91
49) 1,4-Dioxane	9.461	88	25434	1001.15	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.232	43	520575	271.99	ug/l		99
52) Toluene	10.408	92	524104	49.62	ug/l		96
53) t-1,3-Dichloropropene	10.620	75	272833	52.29	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	326125	51.16	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	159781	53.19	ug/l		93
56) Ethyl methacrylate	10.661	69	194771	54.65	ug/l		97
57) 1,3-Dichloropropane	10.949	76	270743	51.36	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	521601	273.30	ug/l		92
59) 2-Hexanone	10.985	43	349295	269.98	ug/l		100
60) Dibromochloromethane	11.144	129	192203	51.56	ug/l		99
61) 1,2-Dibromoethane	11.249	107	148892	51.29	ug/l		100
64) Tetrachloroethene	10.879	164	173885	47.40	ug/l		95
65) Chlorobenzene	11.673	112	565542	49.34	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.744	131	202710	50.68	ug/l		98
67) Ethyl Benzene	11.744	91	1024809	49.86	ug/l		96
68) m/p-Xylenes	11.855	106	769160	99.03	ug/l		99
69) o-Xylene	12.179	106	361631	50.75	ug/l		96
70) Styrene	12.196	104	627082	50.59	ug/l		99
71) Bromoform	12.361	173	101650	49.47	ug/l	#	99
73) Isopropylbenzene	12.479	105	974381	49.58	ug/l		100
74) N-amyl acetate	12.285	43	187621	54.07	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.732	83	173828	51.04	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	123132m	48.10	ug/l		
77) Bromobenzene	12.761	156	219485	50.00	ug/l		88
78) n-propylbenzene	12.820	91	1164598	49.51	ug/l		97
79) 2-Chlorotoluene	12.908	91	646154	49.60	ug/l		96
80) 1,3,5-Trimethylbenzene	12.961	105	796616	49.61	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	54792	53.65	ug/l		96
82) 4-Chlorotoluene	13.002	91	682583	49.56	ug/l		97
83) tert-Butylbenzene	13.220	119	698411	50.14	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	807852	50.50	ug/l		100
85) sec-Butylbenzene	13.396	105	970019	49.79	ug/l		98
86) p-Isopropyltoluene	13.514	119	878499	50.23	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	418081	49.23	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	416301	49.26	ug/l		99
89) n-Butylbenzene	13.843	91	850993	49.86	ug/l		98
90) Hexachloroethane	14.108	117	160050	50.40	ug/l		90
91) 1,2-Dichlorobenzene	13.885	146	370043	50.25	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	25479	51.17	ug/l		88
93) 1,2,4-Trichlorobenzene	15.155	180	246027	51.01	ug/l		98
94) Hexachlorobutadiene	15.261	225	132670	50.01	ug/l		97
95) Naphthalene	15.396	128	476096	53.10	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	206641	49.12	ug/l		99

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

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

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