Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120419\
Data File : VD064409.D
Acq On : 04 Dec 2019 11:09
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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12/5/2019 2:58:57 PM

Quant Time: Dec 05 05:44:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	529135	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	765074	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	659562	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319442	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	253782	52.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.98%				
35) Dibromofluoromethane	7.91	113	260382	54.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.04%				
50) Toluene-d8	10.34	98	999857	55.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.14%				
62) 4-Bromofluorobenzene	12.64	95	320647	54.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	248542	51.839	ug/l		98
3) Chloromethane	2.21	50	300415	49.679	ug/l		99
4) Vinyl Chloride	2.36	62	359333	51.465	ug/l		99
5) Bromomethane	2.77	94	235305	45.572	ug/l		100
6) Chloroethane	2.93	64	231513	49.608	ug/l		98
7) Trichlorofluoromethane	3.27	101	599946	51.688	ug/l		97
8) Diethyl Ether	3.71	74	121933	50.553	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	266695	53.588	ug/l		98
10) Methyl Iodide	4.29	142	292148	55.587	ug/l		99
11) Tert butyl alcohol	5.24	59	67269	220.646	ug/l	#	100
12) 1,1-Dichloroethene	4.06	96	255023	53.471	ug/l		99
13) Acrolein	3.93	56	102119	245.572	ug/l		98
14) Allyl chloride	4.71	41	410390	55.136	ug/l		97
15) Acrylonitrile	5.43	53	256696	243.375	ug/l		98
16) Acetone	4.16	43	261258	269.936	ug/l		97
17) Carbon Disulfide	4.40	76	805809	53.346	ug/l		97
18) Methyl Acetate	4.73	43	134847	47.765	ug/l		96
19) Methyl tert-butyl Ether	5.48	73	551338	50.395	ug/l		99
20) Methylene Chloride	4.97	84	260711	53.309	ug/l		95
21) trans-1,2-Dichloroethene	5.47	96	283176	52.490	ug/l		99
22) Diisopropyl ether	6.37	45	775300	52.764	ug/l		98
23) Vinyl Acetate	6.31	43	2275582	262.693	ug/l		99
24) 1,1-Dichloroethane	6.27	63	466574	52.800	ug/l		98
25) 2-Butanone	7.22	43	334602	244.459	ug/l		93
26) 2,2-Dichloropropane	7.21	77	433122	56.361	ug/l		99
27) cis-1,2-Dichloroethene	7.21	96	311413	52.947	ug/l		99
28) Bromochloromethane	7.55	49	154750	51.243	ug/l		98
29) Tetrahydrofuran	7.57	42	206582	237.225	ug/l		97
30) Chloroform	7.71	83	478582	52.294	ug/l		99
31) Cyclohexane	7.98	56	447140	58.761	ug/l		100
32) 1,1,1-Trichloroethane	7.90	97	459529	54.160	ug/l		99
36) 1,1-Dichloropropene	8.11	75	393426	54.366	ug/l		98
37) Ethyl Acetate	7.30	43	155678	50.700	ug/l		100
38) Carbon Tetrachloride	8.10	117	423394	55.435	ug/l		98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	492556	54.871	ug/l		97
40) Benzene	8.35	78	1063440	52.910	ug/l		100
41) Methacrylonitrile	7.53	41	91970	52.228	ug/l		97
42) 1,2-Dichloroethane	8.43	62	299898	51.165	ug/l		99
43) Isopropyl Acetate	8.46	43	302379	50.084	ug/l		99
44) Trichloroethene	9.11	130	312857	51.675	ug/l		99
45) 1,2-Dichloropropane	9.39	63	256135	53.286	ug/l		98
46) Dibromomethane	9.47	93	138241	50.956	ug/l		99
47) Bromodichloromethane	9.66	83	365794	52.475	ug/l		97
48) Methyl methacrylate	9.46	41	139826	50.612	ug/l		95
49) 1,4-Dioxane	9.47	88	32478	969.461	ug/l		99
51) 4-Methyl-2-Pentanone	10.23	43	725085	242.726	ug/l		100
52) Toluene	10.40	92	687887	52.516	ug/l		99
53) t-1,3-Dichloropropene	10.63	75	354656	53.384	ug/l		99
54) cis-1,3-Dichloropropene	10.09	75	423991	53.722	ug/l		97
55) 1,1,2-Trichloroethane	10.80	97	185544	49.947	ug/l		98
56) Ethyl methacrylate	10.66	69	237213	50.066	ug/l		100
57) 1,3-Dichloropropane	10.95	76	320303	50.652	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.94	63	461933	244.570	ug/l		99
59) 2-Hexanone	10.99	43	513113	247.542	ug/l		100
60) Dibromochloromethane	11.14	129	252895	50.210	ug/l		98
61) 1,2-Dibromoethane	11.25	107	182247	49.135	ug/l		97
64) Tetrachloroethene	10.88	164	271622	54.004	ug/l		96
65) Chlorobenzene	11.67	112	724590	52.673	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.74	131	271990	53.411	ug/l		99
67) Ethyl Benzene	11.75	91	1335482	54.564	ug/l		98
68) m/p-Xylenes	11.86	106	1021997	109.512	ug/l		99
69) o-Xylene	12.18	106	465275	53.983	ug/l		99
70) Styrene	12.20	104	802488	53.579	ug/l		99
71) Bromoform	12.37	173	151487	49.721	ug/l	#	98
73) Isopropylbenzene	12.48	105	1283810	55.879	ug/l		100
74) N-amyl acetate	12.30	43	272862	52.329	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.74	83	189732	49.939	ug/l		99
76) 1,2,3-Trichloropropane	12.79	75	148940m	56.696	ug/l		
77) Bromobenzene	12.77	156	304246	53.626	ug/l		99
78) n-propylbenzene	12.83	91	1486233	56.067	ug/l		99
79) 2-Chlorotoluene	12.91	91	800692	54.894	ug/l		100
80) 1,3,5-Trimethylbenzene	12.97	105	1047336	55.784	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.53	75	64822	53.805	ug/l		97
82) 4-Chlorotoluene	13.01	91	847169	54.856	ug/l		100
83) tert-Butylbenzene	13.23	119	909500	55.721	ug/l		99
84) 1,2,4-Trimethylbenzene	13.28	105	1028582	54.484	ug/l		98
85) sec-Butylbenzene	13.41	105	1261313	56.304	ug/l		99
86) p-Isopropyltoluene	13.53	119	1196931	56.594	ug/l		99
87) 1,3-Dichlorobenzene	13.53	146	579286	53.796	ug/l		99
88) 1,4-Dichlorobenzene	13.60	146	563328	52.988	ug/l		99
89) n-Butylbenzene	13.86	91	1094804	57.002	ug/l		99
90) Hexachloroethane	14.13	117	218443	55.221	ug/l		98
91) 1,2-Dichlorobenzene	13.90	146	486100	52.822	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	31562	56.135	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	379110	53.791	ug/l	98
94) Hexachlorobutadiene	15.28	225	237870	54.671	ug/l	97
95) Naphthalene	15.41	128	602620	51.234	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	317524	52.779	ug/l	100

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

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