Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
Data File : VD064634.D
Acq On : 27 Dec 2019 09:53
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 30 01:09:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
apatel
12/30/2019 11:03:00 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	409616	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	568518	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	498193	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246970	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.34	65	171156	47.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.78%				
35) Dibromofluoromethane	7.92	113	175094	50.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.40%				
50) Toluene-d8	10.34	98	701274	52.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.00%				
62) 4-Bromofluorobenzene	12.64	95	215193	50.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	157876	49.595	ug/l		100
3) Chloromethane	2.21	50	210749	47.338	ug/l		99
4) Vinyl Chloride	2.35	62	265030	48.824	ug/l		96
5) Bromomethane	2.77	94	179614	45.508	ug/l		95
6) Chloroethane	2.93	64	178578	49.097	ug/l		99
7) Trichlorofluoromethane	3.27	101	454868	49.767	ug/l		100
8) Diethyl Ether	3.70	74	79348	43.718	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	4.08	101	190954	50.447	ug/l		99
10) Methyl Iodide	4.29	142	210442	51.757	ug/l		100
11) Tert butyl alcohol	5.25	59	42760	206.568	ug/l	#	84
12) 1,1-Dichloroethene	4.06	96	178189	49.446	ug/l		94
13) Acrolein	3.93	56	65502	227.052	ug/l		99
14) Allyl chloride	4.71	41	268637	47.811	ug/l		99
15) Acrylonitrile	5.43	53	169968	224.823	ug/l		99
16) Acetone	4.16	43	212884	284.126	ug/l		91
17) Carbon Disulfide	4.40	76	570488	48.958	ug/l		100
18) Methyl Acetate	4.72	43	88270	43.408	ug/l		99
19) Methyl tert-butyl Ether	5.48	73	367078	45.859	ug/l		98
20) Methylene Chloride	4.96	84	182455	49.326	ug/l		96
21) trans-1,2-Dichloroethene	5.47	96	201806	49.172	ug/l		98
22) Diisopropyl ether	6.36	45	529170	47.218	ug/l		98
23) Vinyl Acetate	6.31	43	1509898	237.507	ug/l		98
24) 1,1-Dichloroethane	6.26	63	331452	49.265	ug/l		100
25) 2-Butanone	7.22	43	243181	244.935	ug/l		99
26) 2,2-Dichloropropane	7.21	77	309352	49.454	ug/l		99
27) cis-1,2-Dichloroethene	7.21	96	211369	47.721	ug/l		98
28) Bromochloromethane	7.55	49	130761	49.998	ug/l		99
29) Tetrahydrofuran	7.56	42	137782	223.157	ug/l		99
30) Chloroform	7.71	83	341152	48.331	ug/l		98
31) Cyclohexane	7.98	56	318796	47.337	ug/l		95
32) 1,1,1-Trichloroethane	7.90	97	330041	49.780	ug/l		100
36) 1,1-Dichloropropene	8.11	75	284795	52.046	ug/l		99
37) Ethyl Acetate	7.30	43	99343	46.213	ug/l		98
38) Carbon Tetrachloride	8.10	117	308923	52.946	ug/l		99

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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	350114	52.827	ug/l		100
40) Benzene	8.35	78	760308	50.898	ug/l		99
41) Methacrylonitrile	7.53	41	67617	54.213	ug/l	#	89
42) 1,2-Dichloroethane	8.43	62	216225	50.091	ug/l		99
43) Isopropyl Acetate	8.46	43	199639	46.658	ug/l		99
44) Trichloroethene	9.11	130	223192	50.861	ug/l		97
45) 1,2-Dichloropropane	9.39	63	179267	50.263	ug/l		96
46) Dibromomethane	9.48	93	97103	48.832	ug/l		99
47) Bromodichloromethane	9.66	83	261226	49.368	ug/l		96
48) Methyl methacrylate	9.46	41	99555	49.415	ug/l		100
49) 1,4-Dioxane	9.47	88	20721	903.708	ug/l		98
51) 4-Methyl-2-Pentanone	10.23	43	497997	235.472	ug/l		99
52) Toluene	10.40	92	495781	50.588	ug/l		100
53) t-1,3-Dichloropropene	10.62	75	243187	49.296	ug/l		99
54) cis-1,3-Dichloropropene	10.09	75	291368	50.089	ug/l		98
55) 1,1,2-Trichloroethane	10.80	97	126892	47.350	ug/l		94
56) Ethyl methacrylate	10.66	69	159087	47.534	ug/l		99
57) 1,3-Dichloropropane	10.95	76	221688	48.045	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.94	63	287582	225.537	ug/l		99
59) 2-Hexanone	10.98	43	368304	256.583	ug/l		100
60) Dibromochloromethane	11.14	129	177763	47.968	ug/l		98
61) 1,2-Dibromoethane	11.25	107	126271	47.772	ug/l		99
64) Tetrachloroethene	10.87	164	192697	50.417	ug/l		98
65) Chlorobenzene	11.67	112	513639	49.675	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.74	131	198964	51.043	ug/l		99
67) Ethyl Benzene	11.75	91	956285	50.954	ug/l		98
68) m/p-Xylenes	11.85	106	736931	101.731	ug/l		97
69) o-Xylene	12.18	106	328887	50.265	ug/l		99
70) Styrene	12.20	104	582867	50.751	ug/l		99
71) Bromoform	12.37	173	106565	47.939	ug/l	#	98
73) Isopropylbenzene	12.48	105	926371	52.489	ug/l		99
74) N-amyl acetate	12.29	43	175685	46.567	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.74	83	131913	47.579	ug/l		100
76) 1,2,3-Trichloropropane	12.79	75	83838m	42.989	ug/l		
77) Bromobenzene	12.77	156	214015	49.351	ug/l		98
78) n-propylbenzene	12.83	91	1068687	51.904	ug/l		100
79) 2-Chlorotoluene	12.91	91	568468	50.259	ug/l		98
80) 1,3,5-Trimethylbenzene	12.97	105	753351	51.963	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.53	75	45743	49.056	ug/l		98
82) 4-Chlorotoluene	13.01	91	604149	50.192	ug/l		99
83) tert-Butylbenzene	13.23	119	653004	51.876	ug/l		99
84) 1,2,4-Trimethylbenzene	13.27	105	742335	51.412	ug/l		98
85) sec-Butylbenzene	13.41	105	903952	52.381	ug/l		100
86) p-Isopropyltoluene	13.53	119	859335	52.078	ug/l		100
87) 1,3-Dichlorobenzene	13.53	146	410604	49.667	ug/l		99
88) 1,4-Dichlorobenzene	13.60	146	397456	48.940	ug/l		99
89) n-Butylbenzene	13.85	91	779881	52.483	ug/l		99
90) Hexachloroethane	14.12	117	160123	50.800	ug/l		98
91) 1,2-Dichlorobenzene	13.90	146	341884	48.499	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20261	45.079	ug/l		93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	240360	46.307	ug/l	100
94) Hexachlorobutadiene	15.28	225	159945	48.969	ug/l	99
95) Naphthalene	15.41	128	379177	46.177	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	205749	46.432	ug/l	98

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

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