Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031020\
Data File : VD065471.D
Acq On : 10 Mar 2020 19:19
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 11 02:37:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	433792	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	650187	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	603567	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296335	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.34	65	193241	51.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.86%				
35) Dibromofluoromethane	7.92	113	202071	50.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.52%				
50) Toluene-d8	10.34	98	769031	49.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.72%				
62) 4-Bromofluorobenzene	12.64	95	249779	52.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	159638	42.820	ug/l		98
3) Chloromethane	2.21	50	200228	44.485	ug/l		100
4) Vinyl Chloride	2.35	62	204030	45.957	ug/l		99
5) Bromomethane	2.77	94	133350	53.987	ug/l		99
6) Chloroethane	2.92	64	130111	47.852	ug/l		97
7) Trichlorofluoromethane	3.27	101	306767	46.894	ug/l		100
8) Diethyl Ether	3.71	74	102340	52.607	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	4.08	101	198306	47.068	ug/l		99
10) Methyl Iodide	4.29	142	226508	51.749	ug/l		99
11) Tert butyl alcohol	5.25	59	54687	256.219	ug/l	#	94
12) 1,1-Dichloroethene	4.06	96	189463	46.963	ug/l		95
13) Acrolein	3.92	56	122676	333.267	ug/l		98
14) Allyl chloride	4.71	41	311351	50.239	ug/l		99
15) Acrylonitrile	5.43	53	226425	267.541	ug/l		98
16) Acetone	4.17	43	166924	221.811	ug/l		99
17) Carbon Disulfide	4.40	76	619532	46.113	ug/l		99
18) Methyl Acetate	4.73	43	99517	52.132	ug/l		98
19) Methyl tert-butyl Ether	5.49	73	426937	55.030	ug/l		98
20) Methylene Chloride	4.96	84	230376	56.845	ug/l		97
21) trans-1,2-Dichloroethene	5.47	96	226248	50.414	ug/l		99
22) Diisopropyl ether	6.37	45	639119	55.476	ug/l		98
23) Vinyl Acetate	6.31	43	1817053	284.055	ug/l		99
24) 1,1-Dichloroethane	6.26	63	381053	51.567	ug/l		98
25) 2-Butanone	7.23	43	262846	255.944	ug/l		98
26) 2,2-Dichloropropane	7.21	77	315634	48.878	ug/l		100
27) cis-1,2-Dichloroethene	7.21	96	245846	53.594	ug/l		97
28) Bromochloromethane	7.55	49	172225	58.254	ug/l		100
29) Tetrahydrofuran	7.57	42	181270	276.396	ug/l		98
30) Chloroform	7.71	83	392882	53.193	ug/l		96
31) Cyclohexane	7.98	56	335762	45.441	ug/l		99
32) 1,1,1-Trichloroethane	7.91	97	342043	50.112	ug/l		99
36) 1,1-Dichloropropene	8.11	75	301206	48.329	ug/l		99
37) Ethyl Acetate	7.30	43	126751	52.617	ug/l		99
38) Carbon Tetrachloride	8.10	117	309847	47.943	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	361073	47.967	ug/l		96
40) Benzene	8.36	78	903736	51.862	ug/l		99
41) Methacrylonitrile	7.53	41	61213	48.049	ug/l		97
42) 1,2-Dichloroethane	8.43	62	239072	52.540	ug/l		100
43) Isopropyl Acetate	8.46	43	229963	51.701	ug/l		98
44) Trichloroethene	9.11	130	242793	49.337	ug/l		98
45) 1,2-Dichloropropane	9.39	63	221355	52.441	ug/l		96
46) Dibromomethane	9.48	93	117093	53.480	ug/l		98
47) Bromodichloromethane	9.67	83	302821	53.163	ug/l		96
48) Methyl methacrylate	9.46	41	111660	53.368	ug/l		99
49) 1,4-Dioxane	9.47	88	27431	1095.286	ug/l		98
51) 4-Methyl-2-Pentanone	10.23	43	620554	277.243	ug/l		100
52) Toluene	10.41	92	574214	52.308	ug/l		100
53) t-1,3-Dichloropropene	10.63	75	283668	53.290	ug/l		100
54) cis-1,3-Dichloropropene	10.10	75	347217	53.889	ug/l		98
55) 1,1,2-Trichloroethane	10.80	97	165050	53.224	ug/l		97
56) Ethyl methacrylate	10.67	69	197172	56.400	ug/l		99
57) 1,3-Dichloropropane	10.95	76	279174	53.207	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.95	63	266686	244.126	ug/l		99
59) 2-Hexanone	10.99	43	416547	268.836	ug/l		99
60) Dibromochloromethane	11.14	129	213915	53.814	ug/l		100
61) 1,2-Dibromoethane	11.25	107	157150	53.128	ug/l		99
64) Tetrachloroethene	10.88	164	209495	48.439	ug/l		97
65) Chlorobenzene	11.68	112	609338	51.016	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.74	131	225768	51.901	ug/l		99
67) Ethyl Benzene	11.75	91	1067654	51.733	ug/l		100
68) m/p-Xylenes	11.86	106	820414	103.097	ug/l		100
69) o-Xylene	12.18	106	370321	52.904	ug/l		99
70) Styrene	12.20	104	661340	53.683	ug/l		99
71) Bromoform	12.37	173	132205	54.107	ug/l	#	98
73) Isopropylbenzene	12.48	105	999718	51.290	ug/l		100
74) N-amyl acetate	12.30	43	213321	53.459	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.74	83	175589	51.250	ug/l		99
76) 1,2,3-Trichloropropane	12.79	75	117842m	50.396	ug/l		
77) Bromobenzene	12.77	156	250200	51.666	ug/l		99
78) n-propylbenzene	12.83	91	1186306	51.296	ug/l		100
79) 2-Chlorotoluene	12.91	91	663011	50.869	ug/l		100
80) 1,3,5-Trimethylbenzene	12.97	105	822557	51.333	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.53	75	55829	50.385	ug/l		98
82) 4-Chlorotoluene	13.01	91	698219	50.979	ug/l		99
83) tert-Butylbenzene	13.23	119	694464	51.227	ug/l		100
84) 1,2,4-Trimethylbenzene	13.27	105	830156	52.557	ug/l		100
85) sec-Butylbenzene	13.41	105	976558	50.466	ug/l		100
86) p-Isopropyltoluene	13.53	119	906428	51.334	ug/l		100
87) 1,3-Dichlorobenzene	13.53	146	475871	51.112	ug/l		98
88) 1,4-Dichlorobenzene	13.60	146	461902	49.874	ug/l		100
89) n-Butylbenzene	13.86	91	812255	49.757	ug/l		99
90) Hexachloroethane	14.12	117	180152	49.542	ug/l		99
91) 1,2-Dichlorobenzene	13.90	146	411353	51.919	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27726	53.137	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	272409	50.728	ug/l	100
94) Hexachlorobutadiene	15.28	225	168000	47.613	ug/l	98
95) Naphthalene	15.41	128	461720	48.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	240541	51.837	ug/l	99

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

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