Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050120\
Data File : VD065692.D
Acq On : 01 May 2020 20:08
Operator : VA/SY
Sample : VSTDICC150
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDICC150

Quant Time: May 04 10:34:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050120S.M
Quant Title : SW846 8260
QLast Update : Sat May 02 02:54:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	651460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	898827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	857657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	456355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	973742	177.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 355.02%			
35) Dibromofluoromethane	7.92	113	885129	141.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 283.06%			
50) Toluene-d8	10.34	98	3533805	215.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 431.94%			
62) 4-Bromofluorobenzene	12.64	95	1153665	183.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 367.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	431453	80.831	ug/l	96
3) Chloromethane	2.21	50	845066	163.039	ug/l	99
4) Vinyl Chloride	2.34	62	1050718	209.542	ug/l	99
5) Bromomethane	2.74	94	646856	352.533	ug/l	98
6) Chloroethane	2.91	64	688130	317.052	ug/l	100
7) Trichlorofluoromethane	3.27	101	1372133	187.530	ug/l	97
8) Diethyl Ether	3.70	74	403442	205.761	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	825596	132.695	ug/l	97
10) Methyl Iodide	4.30	142	947213	130.819	ug/l	95
11) Tert butyl alcohol	5.23	59	253526	829.765	ug/l	98
12) 1,1-Dichloroethene	4.06	96	770760	144.586	ug/l	98
14) Allyl chloride	4.71	41	1437735	188.068	ug/l	99
15) Acrylonitrile	5.42	53	956680	989.862	ug/l	98
16) Acetone	4.16	43	811817	673.736	ug/l	96
17) Carbon Disulfide	4.40	76	2438594	155.197	ug/l	98
18) Methyl Acetate	4.71	43	489612	183.111	ug/l	92
19) Methyl tert-butyl Ether	5.48	73	1947265	178.261	ug/l	99
20) Methylene Chloride	4.96	84	904358	130.683	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	940405	152.782	ug/l	98
22) Diisopropyl ether	6.36	45	2915769	167.116	ug/l	99
23) Vinyl Acetate	6.30	43	8496916	921.560	ug/l	99
24) 1,1-Dichloroethane	6.26	63	1651119	156.492	ug/l	100
25) 2-Butanone	7.21	43	1249336	820.844	ug/l	100
26) 2,2-Dichloropropane	7.21	77	1456170	158.990	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	1026659	146.834	ug/l	99
28) Bromochloromethane	7.55	49	639436	156.827	ug/l	94
29) Tetrahydrofuran	7.56	42	804250	1023.417	ug/l	100
30) Chloroform	7.71	83	1719124	147.694	ug/l	98
31) Cyclohexane	7.99	56	1463149	184.470	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	1557449	153.888	ug/l	98
36) 1,1-Dichloropropene	8.11	75	1346669	184.552	ug/l	98
37) Ethyl Acetate	7.30	43	565088	177.963	ug/l	99
38) Carbon Tetrachloride	8.10	117	1461093	164.135	ug/l	97
39) Methylcyclohexane	9.36	83	1598104	215.547	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.36	78	3824686	205.612	ug/l	98
41) Methacrylonitrile	7.53	41	324876m	99.300	ug/l	
42) 1,2-Dichloroethane	8.43	62	1163973	185.846	ug/l	99
43) Isopropyl Acetate	9.53	43	818308	181.011	ug/l	97
44) Trichloroethene	9.11	130	1027564	153.106	ug/l	100
45) 1,2-Dichloropropane	9.39	63	951198	201.052	ug/l	96
46) Dibromomethane	9.48	93	496921	155.112	ug/l	97
47) Bromodichloromethane	9.67	83	1357205	174.400	ug/l	99
48) Methyl methacrylate	9.46	41	545989	199.834	ug/l	96
49) 1,4-Dioxane	9.47	88	118892	4130.817	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	2955386	1028.107	ug/l	100
52) Toluene	10.41	92	2546459	211.875	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	1280457	195.002	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	1510131	188.970	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	664327	171.465	ug/l	97
56) Ethyl methacrylate	10.67	69	876251	201.597	ug/l	99
57) 1,3-Dichloropropane	10.95	76	1180673	192.113	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	1325479	664.015	ug/l	97
59) 2-Hexanone	10.99	43	1988468	942.796	ug/l	96
60) Dibromochloromethane	11.14	129	924102	149.907	ug/l	99
61) 1,2-Dibromoethane	11.25	107	650806	145.354	ug/l	100
64) Tetrachloroethene	10.88	164	892237	145.343	ug/l	97
65) Chlorobenzene	11.67	112	2586304	156.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	1043561	151.994	ug/l	98
67) Ethyl Benzene	11.75	91	4946814	180.343	ug/l	100
68) m/p-Xylenes	11.86	106	3794931	376.163	ug/l	97
69) o-Xylene	12.18	106	1719617	188.588	ug/l	98
70) Styrene	12.20	104	3099765	195.217	ug/l	99
71) Bromoform	12.37	173	558446	142.469	ug/l	99
73) Isopropylbenzene	12.48	105	4648517	152.899	ug/l	99
74) N-amyl acetate	12.30	43	1070917	139.508	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	725871	124.621	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	518796m	96.270	ug/l	
77) Bromobenzene	12.77	156	1110680	129.695	ug/l	95
78) n-propylbenzene	12.83	91	5477706	155.234	ug/l	98
79) 2-Chlorotoluene	12.91	91	3082495	146.739	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	3969822	161.795	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.54	75	257486	147.484	ug/l	98
82) 4-Chlorotoluene	13.01	91	3336713	145.141	ug/l	100
83) tert-Butylbenzene	13.23	119	3302461	123.049	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	4008301	172.756	ug/l	98
85) sec-Butylbenzene	13.41	105	4575249	151.361	ug/l	99
86) p-Isopropyltoluene	13.53	119	4412414	163.182	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	2211676	145.809	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	2129546	149.985	ug/l	99
89) n-Butylbenzene	13.86	91	3958986	161.089	ug/l	98
90) Hexachloroethane	14.12	117	821086	117.194	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	1853586	146.734	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.52	75	122261	151.668	ug/l	87
93) 1,2,4-Trichlorobenzene	15.17	180	1285576	184.499	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.28	225	824567	162.848	ug/l	98
95) Naphthalene	15.41	128	2128946	188.600	ug/l	97
96) 1,2,3-Trichlorobenzene	15.61	180	1116270	255.440	ug/l	97

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

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