Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100218\
Data File : VD060108.D
Acq On : 2 Oct 2018 11:05
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
apatel
10/3/2018 12:59:48 PM

Quant Time: Oct 03 01:16:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1767160	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2418056	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1913398	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	1019385	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	673092	50.25	ug/l	0.03
Spiked Amount 50.000			Recovery = 100.50%			
35) Dibromofluoromethane	6.31	113	923229	50.28	ug/l	0.02
Spiked Amount 50.000			Recovery = 100.56%			
50) Toluene-d8	9.46	98	2662014	50.84	ug/l	0.03
Spiked Amount 50.000			Recovery = 101.68%			
62) 4-Bromofluorobenzene	12.43	95	994160	50.71	ug/l	0.02
Spiked Amount 50.000			Recovery = 101.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	883803m	53.167	ug/l	
3) Chloromethane	1.75	50	830877	55.431	ug/l	100
4) Vinyl Chloride	1.84	62	670089	54.626	ug/l	99
5) Bromomethane	2.13	94	107698	69.921	ug/l	97
6) Chloroethane	2.24	64	200349	59.850	ug/l	98
7) Trichlorofluoromethane	2.49	101	776789	52.885	ug/l	97
8) Diethyl Ether	2.81	74	170748	56.533	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.07	101	497411	54.359	ug/l	99
10) Methyl Iodide	3.23	142	538084	55.451	ug/l	98
11) Tert butyl alcohol	3.95	59	264055	274.859	ug/l	99
12) 1,1-Dichloroethene	3.05	96	402084	55.778	ug/l	94
13) Acrolein	2.97	56	139773	236.016	ug/l	99
14) Allyl chloride	3.52	41	824152	55.047	ug/l	98
15) Acrylonitrile	4.07	53	1029460	258.890	ug/l	99
16) Acetone	3.14	43	721729	296.931	ug/l	100
17) Carbon Disulfide	3.30	76	1373566	56.662	ug/l	100
18) Methyl Acetate	3.54	43	282456	54.066	ug/l	100
19) Methyl tert-butyl Ether	4.11	73	1676678	52.901	ug/l	99
20) Methylene Chloride	3.70	84	981795	51.440	ug/l	98
21) trans-1,2-Dichloroethene	4.08	96	946710	50.849	ug/l	99
22) Diisopropyl ether	4.84	45	3457723	51.713	ug/l	89
23) Vinyl Acetate	4.79	43	9782891	260.294	ug/l	100
24) 1,1-Dichloroethane	4.74	63	1581784	52.176	ug/l	100
25) 2-Butanone	5.61	43	1686882	277.799	ug/l	99
26) 2,2-Dichloropropane	5.57	77	1258494	54.759	ug/l	98
27) cis-1,2-Dichloroethene	5.58	96	1029613	52.197	ug/l	93
28) Bromochloromethane	5.92	49	724468	49.176	ug/l	91
29) Tetrahydrofuran	5.95	42	945748	268.137	ug/l	99
30) Chloroform	6.09	83	1576558	51.410	ug/l	99
31) Cyclohexane	6.36	56	1477547	50.914	ug/l	99
32) 1,1,1-Trichloroethane	6.28	97	1295999	51.584	ug/l	99
36) 1,1-Dichloropropene	6.52	75	1183668	51.226	ug/l	100
37) Ethyl Acetate	5.69	43	871866	56.846	ug/l	100
38) Carbon Tetrachloride	6.49	117	1096962	52.306	ug/l	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	8.03	83	1385384	52.769 ug/l	98
40) Benzene	6.78	78	3120054	51.613 ug/l	100
41) Methacrylonitrile	5.91	41	365760m	42.192 ug/l	
42) 1,2-Dichloroethane	6.89	62	907936	52.388 ug/l	99
43) Isopropyl Acetate	8.35	43	1129483	55.976 ug/l	99
44) Trichloroethene	7.74	130	971243	51.902 ug/l	98
45) 1,2-Dichloropropane	8.10	63	803036	50.733 ug/l	99
46) Dibromomethane	8.21	93	534801	52.187 ug/l	92
47) Bromodichloromethane	8.50	83	1176234	53.869 ug/l	99
48) Methyl methacrylate	8.25	41	613146	53.347 ug/l	100
49) 1,4-Dioxane	8.23	88	121587	1075.152 ug/l	97
51) 4-Methyl-2-Pentanone	9.34	43	3403156	267.401 ug/l	100
52) Toluene	9.55	92	1984685	50.978 ug/l	98
53) t-1,3-Dichloropropene	9.92	75	1088475	55.093 ug/l	98
54) cis-1,3-Dichloropropene	9.11	75	1312013	53.777 ug/l	99
55) 1,1,2-Trichloroethane	10.19	97	673686	52.931 ug/l	99
56) Ethyl methacrylate	10.04	69	765455	54.483 ug/l	98
57) 1,3-Dichloropropane	10.39	76	1004847	51.767 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.93	63	1848345	236.915 ug/l	100
59) 2-Hexanone	10.49	43	2508798	274.138 ug/l	99
60) Dibromochloromethane	10.65	129	861746	55.184 ug/l	98
61) 1,2-Dibromoethane	10.77	107	716894	53.012 ug/l	100
64) Tetrachloroethene	10.26	164	893742	53.330 ug/l	99
65) Chlorobenzene	11.32	112	2139635	51.690 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	735740	53.280 ug/l	99
67) Ethyl Benzene	11.44	91	3524074	52.547 ug/l	98
68) m/p-Xylenes	11.58	106	2652539	105.855 ug/l	99
69) o-Xylene	11.94	106	1295088	52.251 ug/l	92
70) Styrene	11.97	104	2143750	51.720 ug/l	99
71) Bromoform	12.13	173	638540	57.105 ug/l	99
73) Isopropylbenzene	12.28	105	3598803	53.513 ug/l	99
74) N-amyl acetate	12.15	43	1351314	54.857 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	788473	53.704 ug/l	97
76) 1,2,3-Trichloropropane	12.61	75	804603	54.808 ug/l	99
77) Bromobenzene	12.55	156	1012199	51.795 ug/l	90
78) n-propylbenzene	12.65	91	4360068	52.213 ug/l	97
79) 2-Chlorotoluene	12.72	91	2414356	52.094 ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	2756235	52.955 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	241020	58.429 ug/l	93
82) 4-Chlorotoluene	12.83	91	2708234	51.664 ug/l	96
83) tert-Butylbenzene	13.06	119	3098212	51.872 ug/l	96
84) 1,2,4-Trimethylbenzene	13.10	105	2844471	51.853 ug/l	95
85) sec-Butylbenzene	13.23	105	3711356	52.553 ug/l	97
86) p-Isopropyltoluene	13.36	119	2917648	50.370 ug/l	98
87) 1,3-Dichlorobenzene	13.33	146	1756105	51.577 ug/l	98
88) 1,4-Dichlorobenzene	13.41	146	1738560	50.835 ug/l	98
89) n-Butylbenzene	13.66	91	2925868	51.767 ug/l	97
90) Hexachloroethane	13.87	117	763353	56.943 ug/l	89
91) 1,2-Dichlorobenzene	13.67	146	1443344	50.416 ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	109600	55.909 ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	1287794	52.996	ug/l	97
94) Hexachlorobutadiene	14.89	225	836052	51.760	ug/l	100
95) Naphthalene	14.98	128	1924672	53.434	ug/l	100
96) 1,2,3-Trichlorobenzene	15.13	180	1087167	51.430	ug/l	97

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

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