Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
Data File : VW002529.D
Acq On : 14 May 2018 22:56
Operator : JC/SY
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
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5/15/2018 6:12:03 PM

Quant Time: May 15 03:23:20 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 02:22:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	342248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	260410	100.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 200.94%			
35) Dibromofluoromethane	7.88	113	238363	101.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 203.90%			
50) Toluene-d8	10.33	98	930158	104.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 208.16%			
62) 4-Bromofluorobenzene	12.63	95	343854	106.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 212.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	97776	105.87	ug/l	99
3) Chloromethane	2.21	50	172287	92.71	ug/l	95
4) Vinyl Chloride	2.36	62	288399	94.62	ug/l	97
5) Bromomethane	2.76	94	226874	91.85	ug/l	95
6) Chloroethane	2.92	64	200222	96.44	ug/l	97
7) Trichlorofluoromethane	3.24	101	125890	99.14	ug/l	98
8) Diethyl Ether	3.67	74	165395	115.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	201871	91.01	ug/l	99
10) Methyl Iodide	4.26	142	319455	89.49	ug/l	100
11) Tert butyl alcohol	5.18	59	92260	475.77	ug/l	99
12) 1,1-Dichloroethene	4.03	96	196321	89.73	ug/l	95
13) Acrolein	3.89	56	89099	537.15	ug/l	99
14) Allyl chloride	4.65	41	309590	95.92	ug/l	100
15) Acrylonitrile	5.36	53	264366	472.63	ug/l	99
16) Acetone	4.12	43	238066	460.09	ug/l	99
17) Carbon Disulfide	4.37	76	539795	85.62	ug/l	100
18) Methyl Acetate	4.67	43	175089	113.18	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	379103	97.67	ug/l	100
20) Methylene Chloride	4.90	84	206899	85.15	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	213231	90.16	ug/l	98
22) Diisopropyl ether	6.31	45	683232	96.23	ug/l	99
23) Vinyl Acetate	6.25	43	2075251	486.00	ug/l	100
24) 1,1-Dichloroethane	6.21	63	399840	93.12	ug/l	99
25) 2-Butanone	7.17	43	370261	484.78	ug/l	99
26) 2,2-Dichloropropane	7.16	77	212042	97.44	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	247032	92.30	ug/l	100
28) Bromochloromethane	7.51	49	177982	91.10	ug/l	99
29) Tetrahydrofuran	7.53	42	241619	484.84	ug/l	99
30) Chloroform	7.67	83	425838	94.51	ug/l	97
31) Cyclohexane	7.95	56	327692	85.71	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	321942	94.68	ug/l	100
36) 1,1-Dichloropropene	8.08	75	313674	94.70	ug/l	99
37) Ethyl Acetate	7.26	43	157126	96.45	ug/l	99
38) Carbon Tetrachloride	8.07	117	317685	98.85	ug/l	97

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Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 02:22:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	375194	97.38	ug/l		99
40) Benzene	8.32	78	914384	94.92	ug/l		99
41) Methacrylonitrile	7.48	41	92916	101.59	ug/l		98
42) 1,2-Dichloroethane	8.40	62	287617	95.17	ug/l		100
43) Isopropyl Acetate	8.43	43	310756	100.57	ug/l		99
44) Trichloroethene	9.09	130	251387	95.45	ug/l		96
45) 1,2-Dichloropropane	9.37	63	233338	96.17	ug/l		100
46) Dibromomethane	9.46	93	131858	96.95	ug/l		98
47) Bromodichloromethane	9.65	83	319185	99.64	ug/l		99
48) Methyl methacrylate	9.44	41	154848	103.38	ug/l		99
49) 1,4-Dioxane	9.45	88	45460	2071.38	ug/l		97
51) 4-Methyl-2-Pentanone	10.22	43	871086	508.90	ug/l		100
52) Toluene	10.40	92	589662	96.38	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	332634	104.77	ug/l		96
54) cis-1,3-Dichloropropene	10.08	75	365601	101.37	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	184225	96.09	ug/l		97
56) Ethyl methacrylate	10.65	69	244210	102.89	ug/l		99
57) 1,3-Dichloropropane	10.94	76	315033	96.83	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	609182	527.99	ug/l		99
59) 2-Hexanone	10.98	43	608410	518.74	ug/l		99
60) Dibromochloromethane	11.13	129	229614	101.36	ug/l		98
61) 1,2-Dibromoethane	11.24	107	183382	98.18	ug/l		99
64) Tetrachloroethene	10.87	164	234405	90.22	ug/l		98
65) Chlorobenzene	11.66	112	669824	96.31	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.74	131	251658	101.26	ug/l		99
67) Ethyl Benzene	11.74	91	1200776	100.22	ug/l		97
68) m/p-Xylenes	11.85	106	922185	199.63	ug/l		100
69) o-Xylene	12.18	106	443802	100.97	ug/l		100
70) Styrene	12.19	104	751945	103.13	ug/l		100
71) Bromoform	12.36	173	150671	104.90	ug/l	#	99
73) Isopropylbenzene	12.48	105	1227128	98.96	ug/l		99
74) N-amyl acetate	12.28	43	313202	100.08	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.73	83	232020	95.74	ug/l		99
76) 1,2,3-Trichloropropane	12.78	75	176795m	99.85	ug/l		
77) Bromobenzene	12.76	156	296186	94.65	ug/l		99
78) n-propylbenzene	12.82	91	1469395	99.95	ug/l		100
79) 2-Chlorotoluene	12.90	91	828961	98.10	ug/l		99
80) 1,3,5-Trimethylbenzene	12.96	105	1040426	99.67	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.52	75	71088	109.10	ug/l		98
82) 4-Chlorotoluene	13.00	91	883965	98.20	ug/l		99
83) tert-Butylbenzene	13.22	119	901131	100.42	ug/l		99
84) 1,2,4-Trimethylbenzene	13.26	105	1081536	99.88	ug/l		100
85) sec-Butylbenzene	13.40	105	1286806	100.15	ug/l		100
86) p-Isopropyltoluene	13.51	119	1173745	101.95	ug/l		99
87) 1,3-Dichlorobenzene	13.51	146	603456	97.46	ug/l		99
88) 1,4-Dichlorobenzene	13.59	146	589002	95.21	ug/l		100
89) n-Butylbenzene	13.83	91	1095995	101.79	ug/l		100
90) Hexachloroethane	14.10	117	207203	100.73	ug/l		97
91) 1,2-Dichlorobenzene	13.88	146	535323	94.95	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	41337	98.59	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	392241	97.05	ug/l	99
94) Hexachlorobutadiene	15.26	225	214471	95.31	ug/l	100
95) Naphthalene	15.38	128	749476	100.45	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	344418	94.97	ug/l	98

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

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