Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101718\
Data File : VN051902.D
Acq On : 17 Oct 2018 10:35
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
10/19/2018 3:29:24 PM

Quant Time: Oct 19 04:55:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 04:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1003585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1459701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1377403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	746526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	880514	94.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 189.28%			
35) Dibromofluoromethane	7.59	113	914529	98.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 197.14%			
50) Toluene-d8	10.09	98	3366318	99.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 199.36%			
62) 4-Bromofluorobenzene	12.40	95	1198981	106.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 212.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	561845	92.52	ug/l	100
3) Chloromethane	2.06	50	549286	92.58	ug/l	98
4) Vinyl Chloride	2.18	62	836957	93.40	ug/l	99
5) Bromomethane	2.55	94	732714	85.85	ug/l	100
6) Chloroethane	2.70	64	602872	92.70	ug/l	99
7) Trichlorofluoromethane	3.01	101	1361843	98.62	ug/l	99
8) Diethyl Ether	3.41	74	397610	98.28	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	770059	97.19	ug/l	100
10) Methyl Iodide	3.95	142	1062407	109.85	ug/l	99
11) Tert butyl alcohol	4.79	59	277761	565.38	ug/l	99
12) 1,1-Dichloroethene	3.73	96	708340	98.07	ug/l	98
13) Acrolein	3.61	56	194702	477.65	ug/l	99
14) Allyl chloride	4.32	41	795844	104.98	ug/l	97
15) Acrylonitrile	4.99	53	1042642	529.63	ug/l	98
16) Acetone	3.82	43	785922	477.05	ug/l	98
17) Carbon Disulfide	4.05	76	1765462	98.04	ug/l	99
18) Methyl Acetate	4.33	43	497213	90.54	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	2071833	99.54	ug/l	100
20) Methylene Chloride	4.55	84	785610	93.81	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	808547	97.41	ug/l	99
22) Diisopropyl ether	5.96	45	1820032	99.83	ug/l	99
23) Vinyl Acetate	5.90	43	6542374	521.24	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1283653	97.23	ug/l	99
25) 2-Butanone	6.84	43	1208449	513.25	ug/l	98
26) 2,2-Dichloropropane	6.83	77	1251987	100.27	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	959201	99.44	ug/l	99
28) Bromochloromethane	7.20	49	540537	100.82	ug/l	98
29) Tetrahydrofuran	7.21	42	740188	514.70	ug/l	99
30) Chloroform	7.37	83	1575266	99.73	ug/l	98
31) Cyclohexane	7.65	56	1045925	72.87	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1506529	102.26	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1106247	97.64	ug/l	99
37) Ethyl Acetate	6.93	43	538282	108.23	ug/l	100
38) Carbon Tetrachloride	7.77	117	1369632	102.66	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	1411121	100.59	ug/l		100
40) Benzene	8.04	78	3300697	99.73	ug/l		100
41) Methacrylonitrile	7.18	41	271320	105.49	ug/l		84
42) 1,2-Dichloroethane	8.13	62	1063512	100.30	ug/l		99
43) Isopropyl Acetate	8.17	43	1051111	104.54	ug/l	#	90
44) Trichloroethene	8.83	130	1064110	102.45	ug/l		100
45) 1,2-Dichloropropane	9.12	63	764978	99.96	ug/l		99
46) Dibromomethane	9.21	93	602995	103.37	ug/l		98
47) Bromodichloromethane	9.40	83	1224797	104.76	ug/l		100
48) Methyl methacrylate	9.20	41	487587	106.61	ug/l		99
49) 1,4-Dioxane	9.20	88	184680	2125.99	ug/l		99
51) 4-Methyl-2-Pentanone	9.99	43	2819531	534.60	ug/l		100
52) Toluene	10.16	92	2337089	105.56	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	1230529	111.06	ug/l		100
54) cis-1,3-Dichloropropene	9.84	75	1336627	108.19	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	860090	106.02	ug/l		99
56) Ethyl methacrylate	10.43	69	1004896	110.80	ug/l		99
57) 1,3-Dichloropropane	10.71	76	1279535	103.59	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	2150743	559.73	ug/l		98
59) 2-Hexanone	10.75	43	1926771	544.84	ug/l		100
60) Dibromochloromethane	10.90	129	1109900	116.58	ug/l		100
61) 1,2-Dibromoethane	11.01	107	926728	108.91	ug/l		98
64) Tetrachloroethene	10.63	164	1053450	95.28	ug/l		98
65) Chlorobenzene	11.43	112	2781788	101.02	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	1076933	105.06	ug/l		100
67) Ethyl Benzene	11.51	91	4547492	100.80	ug/l		100
68) m/p-Xylenes	11.62	106	3773436	208.31	ug/l		99
69) o-Xylene	11.95	106	1841813	104.33	ug/l		100
70) Styrene	11.96	104	2985385	109.94	ug/l		99
71) Bromoform	12.13	173	794173	124.40	ug/l	#	98
73) Isopropylbenzene	12.25	105	4982276	86.21	ug/l		100
74) N-amyl acetate	12.07	43	955347	96.15	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1020560	87.38	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	802055m	84.96	ug/l		
77) Bromobenzene	12.53	156	1350493	91.84	ug/l		97
78) n-propylbenzene	12.59	91	5391046	89.61	ug/l		99
79) 2-Chlorotoluene	12.67	91	3111920	85.00	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	4200046	89.91	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	281061	112.10	ug/l		97
82) 4-Chlorotoluene	12.77	91	3199188	91.00	ug/l		98
83) tert-Butylbenzene	12.99	119	3805104	86.68	ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	4240749	92.33	ug/l		100
85) sec-Butylbenzene	13.17	105	5047379	90.45	ug/l		99
86) p-Isopropyltoluene	13.29	119	4650887	96.16	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	2452645	98.96	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	2404648	98.72	ug/l		98
89) n-Butylbenzene	13.62	91	3622455	103.25	ug/l		99
90) Hexachloroethane	13.88	117	790730	97.75	ug/l		97
91) 1,2-Dichlorobenzene	13.65	146	2369441	98.72	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	154205	98.56	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1218328	117.16	ug/l	99
94) Hexachlorobutadiene	15.01	225	705379	92.80	ug/l	99
95) Naphthalene	15.13	128	2517275	121.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1181031	114.58	ug/l	98

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

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