Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010808.D
Acq On : 13 Jul 2017 12:29
Operator : SJ/JU
Sample : I3757-05
Misc : 1PPM LOD
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-WATER-05-QT3-2017

Manual Integrations APPROVED
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7/17/2017 8:13:07 AM

Quant Time: Jul 13 14:11:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	227488	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	915071	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	639012	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1663265	20.00	ng		0.00
75) Chrysene-d12	21.07	240	2070603	20.00	ng		0.00
86) Perylene-d12	23.20	264	1779109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1801975	131.21	ng		0.00
7) Phenol-d6	6.64	99	2478302	130.90	ng		0.00
23) Nitrobenzene-d5	8.59	82	2348478	98.65	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1497731	153.37	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	5276270	102.72	ng		0.00
78) Terphenyl-d14	19.52	244	9312730	86.99	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.79	93	20657	0.871	ng		95
8) 2-Chlorophenol	7.02	128	13721	1.009	ng	#	54
9) Benzaldehyde	6.61	77	9129	0.694	ng		86
10) Phenol	6.66	94	18019	0.900	ng	#	67
11) bis(2-Chloroethyl)ether	6.89	93	14065	0.912	ng		89
12) 1,3-Dichlorobenzene	7.33	146	16170	0.962	ng	#	84
13) 1,4-Dichlorobenzene	7.49	146	15000	0.865	ng	#	93
14) 1,2-Dichlorobenzene	7.80	146	15486	0.937	ng		98
15) Benzyl Alcohol	7.69	79	15665	0.874	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.97	45	15322	1.146	ng		83
18) Hexachloroethane	8.50	117	6736	0.926	ng	#	84
24) Nitrobenzene	8.63	77	23258	0.953	ng	#	81
31) Naphthalene	10.26	128	42311	0.909	ng	#	94
34) Hexachlorobutadiene	10.55	225	14133	0.910	ng	#	80
37) 2-Methylnaphthalene	11.88	142	30393	0.909	ng	#	78
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	22368	0.803	ng	#	100
45) 1,1'-Biphenyl	12.92	154	57004	1.024	ng		97
46) 2-Chloronaphthalene	12.96	162	40596	0.995	ng		97
47) 2-Nitroaniline	13.17	65	9619	0.717	ng	#	65
48) Acenaphthylene	13.82	152	49449	0.814	ng	#	93
49) Dimethylphthalate	13.57	163	48636	0.895	ng	#	92
50) 2,6-Dinitrotoluene	13.68	165	8082	0.758	ng	#	91
51) Acenaphthene	14.16	154	32093	0.865	ng	#	84
54) Dibenzofuran	14.50	168	53105	0.885	ng	#	90
57) Fluorene	15.15	166	44722	0.867	ng		89
58) 2,3,4,6-Tetrachlorophenol	14.73	232	10973	0.697	ng	#	100
59) Diethylphthalate	14.95	149	44798	0.834	ng		97
62) Azobenzene	15.45	77	43350	0.795	ng		86
65) n-Nitrosodiphenylamine	15.37	169	39505	0.830	ng		92
66) 4-Bromophenyl-phenylether	16.05	248	19241	0.913	ng		94
67) Hexachlorobenzene	16.16	284	22458	0.932	ng	#	89
68) Atrazine	16.33	200	14543	0.738	ng		87
70) Phenanthrene	16.89	178	77602	0.897	ng		96
71) Anthracene	16.98	178	72713	0.847	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.26	167	62016	0.820	ng	#	90
73) Di-n-butylphthalate	17.84	149	67491	0.754	ng	#	93
74) Fluoranthene	18.92	202	96168	0.897	ng		91
77) Pyrene	19.29	202	94015	0.783	ng		94
79) Butylbenzylphthalate	20.22	149	30458	0.725	ng	#	81
80) Benzo(a)anthracene	21.05	228	107659m	0.897	ng		
82) Chrysene	21.10	228	99318	0.869	ng		95
83) Bis(2-ethylhexyl)phthalate	21.01	149	49257	0.805	ng		97
84) Di-n-octyl phthalate	21.86	149	69215	0.690	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.30	276	95194	0.727	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	97850	0.866	ng	#	91
88) Benzo(k)fluoranthene	22.61	252	92046	0.853	ng	#	92
89) Benzo(a)pyrene	23.10	252	85924	0.835	ng	#	96
90) Dibenzo(a,h)anthracene	25.31	278	77154	0.773	ng		97
91) Benzo(g,h,i)perylene	25.94	276	79593	0.811	ng	#	85

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

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