Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103200.D
Acq On : 23 Feb 2018 15:31
Operator : SJ/JU
Sample : J1161-09
Misc : MDL-S-2ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/26/2018 9:54:42 AM

Quant Time: Feb 23 17:11:49 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176450	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	771767	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	355218	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	626127	20.00	ng		0.00
75) Chrysene-d12	14.04	240	467169	20.00	ng		0.00
86) Perylene-d12	15.54	264	441933	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1293861	110.90	ng		0.00
7) Phenol-d6	6.50	99	1587516	111.20	ng		0.00
23) Nitrobenzene-d5	7.44	82	1176332	87.05	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	355474	118.23	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1759592	85.42	ng		0.00
78) Terphenyl-d14	12.99	244	1431747	73.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	11706	1.900	ng		93
3) Pyridine	3.64	79	28373m	1.725	ng		
4) n-Nitrosodimethylamine	3.45	42	5074	0.765	ng	#	86
6) Aniline	6.54	93	42999	2.087	ng		95
8) 2-Chlorophenol	6.66	128	26313	2.171	ng		91
9) Benzaldehyde	6.43	77	14505	0.805	ng		90
10) Phenol	6.52	94	36313	2.191	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	27535	2.189	ng		90
12) 1,3-Dichlorobenzene	6.81	146	30943	2.234	ng		99
13) 1,4-Dichlorobenzene	6.89	146	31458	2.265	ng		94
14) 1,2-Dichlorobenzene	7.04	146	29382	2.295	ng		96
15) Benzyl Alcohol	7.03	79	38003	3.533	ng	#	42
16) 2,2'-oxybis(1-Chloropropan	7.14	45	45417	2.103	ng		93
17) 2-Methylphenol	7.12	107	24559	2.230	ng		97
18) Hexachloroethane	7.38	117	11127	2.201	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	22406	2.522	ng	#	96
20) 3+4-Methylphenols	7.28	107	30561	2.276	ng	#	54
22) Acetophenone	7.27	105	44671	2.480	ng		94
24) Nitrobenzene	7.45	77	35843	2.409	ng		94
25) Isophorone	7.69	82	56003	2.104	ng		100
26) 2-Nitrophenol	7.77	139	12905	1.842	ng		97
27) 2,4-Dimethylphenol	7.80	122	21278	1.987	ng		93
28) bis(2-Chloroethoxy)methane	7.90	93	33228	2.123	ng		99
29) 2,4-Dichlorophenol	8.03	162	19911	1.942	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	22852	2.093	ng		96
31) Naphthalene	8.17	128	86860	2.299	ng		99
32) Benzoic acid	7.89	122	4778	7.429	ng		93
33) 4-Chloroaniline	8.23	127	31434	1.928	ng		94
34) Hexachlorobutadiene	8.29	225	12174	2.142	ng		95
35) Caprolactam	8.56	113	6646	1.845	ng	#	72
36) 4-Chloro-3-methylphenol	8.70	107	23069	1.995	ng		98
37) 2-Methylnaphthalene	8.86	142	57214	2.343	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	21820	2.247	ng		98
40) Hexachlorocyclopentadiene	9.02	237	403	8.986	ng		74

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	12406	1.899	ng		92
43) 2,4,5-Trichlorophenol	9.20	196	14324	1.906	ng		93
45) 1,1'-Biphenyl	9.33	154	76757	2.579	ng		95
46) 2-Chloronaphthalene	9.36	162	52850	2.244	ng		95
47) 2-Nitroaniline	9.45	65	17620	2.020	ng	#	79
48) Acenaphthylene	9.77	152	84542	2.333	ng		99
49) Dimethylphthalate	9.62	163	64030	2.247	ng		97
50) 2,6-Dinitrotoluene	9.69	165	11435	1.912	ng	#	77
51) Acenaphthene	9.94	154	51375	2.432	ng		96
52) 3-Nitroaniline	9.86	138	13804	1.819	ng		94
53) 2,4-Dinitrophenol	10.00	184	126	9.672	ng	#	1
54) Dibenzofuran	10.12	168	73751	2.543	ng		99
55) 4-Nitrophenol	10.07	139	3394	0.722	ng		97
56) 2,4-Dinitrotoluene	10.10	165	14410	1.905	ng	#	80
57) Fluorene	10.46	166	59466	2.407	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	10743	2.128	ng	#	97
59) Diethylphthalate	10.32	149	64037	2.350	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	24869	2.374	ng		100
61) 4-Nitroaniline	10.47	138	13494	1.781	ng		95
62) Azobenzene	10.60	77	65345	2.355	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	3165	5.691	ng	#	78
65) n-Nitrosodiphenylamine	10.56	169	48827	2.240	ng		97
66) 4-Bromophenyl-phenylether	10.94	248	13910	2.133	ng		98
67) Hexachlorobenzene	11.00	284	15344	2.167	ng		94
68) Atrazine	11.09	200	13101	1.999	ng		94
69) Pentachlorophenol	11.21	266	3152	0.921	ng		94
70) Phenanthrene	11.42	178	82636	2.398	ng		99
71) Anthracene	11.47	178	82348	2.331	ng		97
72) Carbazole	11.63	167	76987	2.188	ng		99
73) Di-n-butylphthalate	11.95	149	98898	2.246	ng		98
74) Fluoranthene	12.62	202	79122	2.285	ng		99
76) Benzidine	12.73	184	16786	0.961	ng	#	91
77) Pyrene	12.84	202	83262	2.286	ng		97
79) Butylbenzylphthalate	13.45	149	36245	1.883	ng		99
80) Benzo(a)anthracene	14.03	228	62721	2.069	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	21078	1.948	ng		97
82) Chrysene	14.07	228	64103	2.178	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	54750	2.108	ng	#	99
84) Di-n-octyl phthalate	14.63	149	83097	1.980	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.05	276	49268	2.114	ng		97
87) Benzo(b)fluoranthene	15.13	252	61031	2.100	ng		97
88) Benzo(k)fluoranthene	15.13	252	61031	2.231	ng		97
89) Benzo(a)pyrene	15.47	252	49868	1.922	ng	#	93
90) Dibenzo(a,h)anthracene	17.06	278	41389	2.064	ng		97
91) Benzo(g,h,i)perylene	17.51	276	39315	2.006	ng		95

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

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