Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103201.D
Acq On : 23 Feb 2018 15:57
Operator : SJ/JU
Sample : J1161-09
Misc : MDL-S-5ppm
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
2/26/2018 9:54:44 AM

Quant Time: Feb 23 17:13:45 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	175450	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	767881	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	358717	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	614056	20.00	ng		0.00
75) Chrysene-d12	14.04	240	449200	20.00	ng		0.00
86) Perylene-d12	15.54	264	424008	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1305138	112.51	ng		0.00
7) Phenol-d6	6.50	99	1610404	113.45	ng		0.00
23) Nitrobenzene-d5	7.44	82	1207798	89.83	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	348779	114.87	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1807793	87.38	ng		0.00
78) Terphenyl-d14	12.99	244	1450369	77.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	26784	4.371	ng		90
3) Pyridine	3.56	79	70829m	4.330	ng		
4) n-Nitrosodimethylamine	3.40	42	28809m	4.367	ng		
6) Aniline	6.54	93	104288	5.091	ng		96
8) 2-Chlorophenol	6.66	128	60557	5.025	ng		97
9) Benzaldehyde	6.43	77	34997	2.734	ng		98
10) Phenol	6.52	94	83116	5.044	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	66518	5.318	ng		93
12) 1,3-Dichlorobenzene	6.81	146	71280	5.176	ng		98
13) 1,4-Dichlorobenzene	6.89	146	72078	5.220	ng		98
14) 1,2-Dichlorobenzene	7.04	146	66744	5.242	ng		96
15) Benzyl Alcohol	7.01	79	67995	6.357	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	109886	5.116	ng		96
17) 2-Methylphenol	7.12	107	56564	5.165	ng		92
18) Hexachloroethane	7.38	117	26137	5.200	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	53757	6.085	ng		95
20) 3+4-Methylphenols	7.27	107	70565	5.286	ng	#	21
22) Acetophenone	7.27	105	103003	5.747	ng	#	92
24) Nitrobenzene	7.45	77	77552	5.239	ng		95
25) Isophorone	7.69	82	132964	5.021	ng		98
26) 2-Nitrophenol	7.77	139	30312	4.349	ng	#	90
27) 2,4-Dimethylphenol	7.80	122	47238	4.434	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	81431	5.230	ng		98
29) 2,4-Dichlorophenol	8.02	162	47825	4.689	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	55445	5.105	ng		97
31) Naphthalene	8.17	128	200579	5.335	ng		98
32) Benzoic acid	7.88	122	20117	9.093	ng		93
33) 4-Chloroaniline	8.23	127	80346	4.953	ng		98
34) Hexachlorobutadiene	8.29	225	28709	5.076	ng		95
35) Caprolactam	8.56	113	15940	4.447	ng	#	80
36) 4-Chloro-3-methylphenol	8.70	107	57626	5.009	ng		92
37) 2-Methylnaphthalene	8.86	142	132193	5.441	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	50251	5.124	ng		98
40) Hexachlorocyclopentadiene	9.01	237	3356	9.745	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	29726	4.505	ng		94
43) 2,4,5-Trichlorophenol	9.19	196	31503	4.151	ng		98
45) 1,1'-Biphenyl	9.33	154	170071	5.658	ng		98
46) 2-Chloronaphthalene	9.35	162	123257	5.183	ng		97
47) 2-Nitroaniline	9.45	65	43367	4.923	ng		83
48) Acenaphthylene	9.77	152	197425	5.396	ng		99
49) Dimethylphthalate	9.62	163	147252	5.117	ng		99
50) 2,6-Dinitrotoluene	9.69	165	29488	4.883	ng	#	87
51) Acenaphthene	9.94	154	115664	5.421	ng		100
52) 3-Nitroaniline	9.86	138	35314	4.609	ng		94
53) 2,4-Dinitrophenol	9.99	184	3882	11.187	ng	#	20
54) Dibenzofuran	10.11	168	168836	5.765	ng		98
55) 4-Nitrophenol	10.04	139	14606	3.076	ng		86
56) 2,4-Dinitrotoluene	10.10	165	37858	4.957	ng	#	91
57) Fluorene	10.46	166	135699	5.439	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	24354	4.777	ng		94
59) Diethylphthalate	10.32	149	147108	5.345	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	58608	5.539	ng		96
61) 4-Nitroaniline	10.47	138	33798	4.416	ng		95
62) Azobenzene	10.60	77	153548	5.481	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	10701	7.514	ng	#	72
65) n-Nitrosodiphenylamine	10.56	169	115292	5.392	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	32375	5.061	ng		93
67) Hexachlorobenzene	11.00	284	35081	5.053	ng		96
68) Atrazine	11.09	200	31158	4.848	ng		99
69) Pentachlorophenol	11.21	266	11392	3.393	ng		91
70) Phenanthrene	11.42	178	184186	5.450	ng		99
71) Anthracene	11.47	178	186669	5.387	ng		99
72) Carbazole	11.63	167	179218	5.193	ng		97
73) Di-n-butylphthalate	11.95	149	228606	5.294	ng		99
74) Fluoranthene	12.61	202	178909	5.268	ng		97
76) Benzidine	12.73	184	38989	2.322	ng		96
77) Pyrene	12.85	202	186953	5.338	ng		98
79) Butylbenzylphthalate	13.45	149	88410	4.778	ng		98
80) Benzo(a)anthracene	14.03	228	141748	4.863	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	48769	4.689	ng		98
82) Chrysene	14.07	228	145388	5.137	ng		97
83) Bis(2-ethylhexyl)phthalate	14.00	149	127030	5.087	ng	#	98
84) Di-n-octyl phthalate	14.63	149	193009	4.784	ng		98
85) Indeno(1,2,3-cd)pyrene	17.04	276	115164	5.140	ng		96
87) Benzo(b)fluoranthene	15.10	252	136278m	4.888	ng		
88) Benzo(k)fluoranthene	15.13	252	128934	4.911	ng		98
89) Benzo(a)pyrene	15.47	252	118475	4.759	ng		97
90) Dibenzo(a,h)anthracene	17.06	278	95889	4.985	ng		98
91) Benzo(g,h,i)perylene	17.50	276	95525	5.081	ng		95

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

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