Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084204.D
Acq On : 31 Dec 2015 19:35
Operator : UM/SJ
Sample : G4825-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER2016-02

Manual Integrations APPROVED
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1/4/2016 4:28:56 PM

Quant Time: Jan 02 04:14:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	291468	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1220716	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	554307	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	1037867	20.00	ng		0.00
75) Chrysene-d12	14.07	240	814754	20.00	ng		0.00
86) Perylene-d12	15.49	264	602000	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2059696	114.30	ng		0.01
7) Phenol-d6	6.53	99	2933576	129.62	ng		0.00
23) Nitrobenzene-d5	7.47	82	1930332	88.01	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	704266	125.85	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2704905	85.91	ng		0.00
78) Terphenyl-d14	13.01	244	2585522	70.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	132270	15.49	ng	#	65
3) Pyridine	3.34	79	360552	15.15	ng	#	71
4) n-Nitrosodimethylamine	3.26	42	204692	16.76	ng		80
6) Aniline	6.56	93	384843	11.62	ng	#	80
8) 2-Chlorophenol	6.68	128	381128	18.64	ng		87
9) Benzaldehyde	6.44	77	297864	20.21	ng		93
10) Phenol	6.54	94	477138	18.54	ng		79
11) bis(2-Chloroethyl)ether	6.64	93	393077	19.72	ng		85
12) 1,3-Dichlorobenzene	6.84	146	401730	19.05	ng		98
13) 1,4-Dichlorobenzene	6.92	146	384481m	18.18	ng		
14) 1,2-Dichlorobenzene	7.07	146	370465	18.29	ng		96
15) Benzyl Alcohol	7.04	79	348437	18.30	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.18	45	662214	18.24	ng		84
17) 2-Methylphenol	7.15	107	313809	18.31	ng		95
18) Hexachloroethane	7.41	117	146751	17.35	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	264590	17.27	ng	#	67
20) 3+4-Methylphenols	7.30	107	374811	18.61	ng	#	72
22) Acetophenone	7.31	105	535293	18.24	ng	#	97
24) Nitrobenzene	7.48	77	426122	19.15	ng		99
25) Isophorone	7.72	82	759000	18.09	ng		99
26) 2-Nitrophenol	7.80	139	189319	18.70	ng		93
27) 2,4-Dimethylphenol	7.84	122	370204	18.06	ng		93
28) bis(2-Chloroethoxy)methane	7.94	93	485038	18.93	ng		99
29) 2,4-Dichlorophenol	8.04	162	319072	18.69	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	323596	18.36	ng		97
31) Naphthalene	8.21	128	1042899	18.83	ng		98
32) Benzoic acid	7.92	122	158348	16.70	ng		94
33) 4-Chloroaniline	8.26	127	234908	9.25	ng	#	88
34) Hexachlorobutadiene	8.33	225	179913	17.76	ng		97
35) Caprolactam	8.60	113	94991	16.51	ng	#	35
36) 4-Chloro-3-methylphenol	8.73	107	320068	16.74	ng		90
37) 2-Methylnaphthalene	8.90	142	728501	18.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	281771	17.68	ng		98
40) Hexachlorocyclopentadiene	9.06	237	186413	19.38	ng		96

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Quant Time: Jan 02 04:14:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	212221	17.80	ng		95
43) 2,4,5-Trichlorophenol	9.21	196	198162	17.34	ng	#	79
45) 1,1'-Biphenyl	9.37	154	892600	20.26	ng		95
46) 2-Chloronaphthalene	9.39	162	683052	19.74	ng	#	90
47) 2-Nitroaniline	9.48	65	223141	19.54	ng	#	79
48) Acenaphthylene	9.80	152	1050279	20.54	ng		98
49) Dimethylphthalate	9.66	163	802618	20.25	ng	#	90
50) 2,6-Dinitrotoluene	9.72	165	166126	19.11	ng	#	61
51) Acenaphthene	9.97	154	661996	19.30	ng		98
52) 3-Nitroaniline	9.88	138	127457	11.83	ng		93
53) 2,4-Dinitrophenol	9.98	184	36640	13.01	ng	#	1
54) Dibenzofuran	10.14	168	913306	18.84	ng		93
55) 4-Nitrophenol	10.04	139	147380	18.85	ng		90
56) 2,4-Dinitrotoluene	10.12	165	238441	21.68	ng		92
57) Fluorene	10.49	166	713080	19.41	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	178961	18.34	ng		95
59) Diethylphthalate	10.36	149	746510	19.11	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	328659	17.92	ng	#	88
61) 4-Nitroaniline	10.50	138	183964	19.16	ng		85
62) Azobenzene	10.65	77	842098	19.65	ng		93
64) 4,6-Dinitro-2-methylphenol	10.52	198	75074	15.29	ng	#	26
65) n-Nitrosodiphenylamine	10.60	169	649130	19.56	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	204432	18.30	ng	#	62
67) Hexachlorobenzene	11.04	284	237343	18.88	ng		99
68) Atrazine	11.13	200	240111	22.11	ng		95
69) Pentachlorophenol	11.23	266	102473	15.72	ng		98
70) Phenanthrene	11.45	178	1052418	19.39	ng		97
71) Anthracene	11.50	178	1102334	20.71	ng		99
72) Carbazole	11.65	167	1005955	19.34	ng		99
73) Di-n-butylphthalate	12.00	149	1270983	18.93	ng		99
74) Fluoranthene	12.64	202	1135569	20.02	ng		96
76) Benzidine	12.75	184	259824	8.89	ng		96
77) Pyrene	12.87	202	1170400	18.31	ng		99
79) Butylbenzylphthalate	13.49	149	495004	17.89	ng	#	84
80) Benzo(a)anthracene	14.05	228	865834	18.10	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	139054	8.33	ng	#	89
82) Chrysene	14.09	228	845377	18.39	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	658201	18.83	ng	#	96
84) Di-n-octyl phthalate	14.66	149	1020130	17.29	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.91	276	619954	17.01	ng		99
87) Benzo(b)fluoranthene	15.08	252	679167m	17.25	ng		
88) Benzo(k)fluoranthene	15.11	252	674633m	20.95	ng		
89) Benzo(a)pyrene	15.44	252	620386	18.57	ng	#	97
90) Dibenzo(a,h)anthracene	16.93	278	522923	18.19	ng		98
91) Benzo(g,h,i)perylene	17.33	276	513509	17.25	ng		97

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

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