Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084203.D
Acq On : 31 Dec 2015 19:08
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 4:28:51 PM

Quant Time: Jan 02 04:01:03 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	288714	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1213038	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	546855	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	1047312	20.00	ng		0.00
75) Chrysene-d12	14.07	240	798246	20.00	ng		0.00
86) Perylene-d12	15.49	264	570648	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1987440	111.34	ng		0.01
7) Phenol-d6	6.53	99	2919993	130.25	ng		0.00
23) Nitrobenzene-d5	7.46	82	1898501	87.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	690606	125.09	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2694421	86.81	ng		0.00
78) Terphenyl-d14	13.01	244	2575359	72.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	137520	16.26	ng	#	75
3) Pyridine	3.34	79	353701	15.00	ng	#	71
4) n-Nitrosodimethylamine	3.26	42	202193	16.71	ng	#	77
6) Aniline	6.56	93	378797	11.55	ng	#	82
8) 2-Chlorophenol	6.68	128	388014	19.16	ng		90
9) Benzaldehyde	6.44	77	299826	20.54	ng		94
10) Phenol	6.54	94	441095	17.31	ng		78
11) bis(2-Chloroethyl)ether	6.64	93	382631	19.38	ng		84
12) 1,3-Dichlorobenzene	6.84	146	398323	19.07	ng		98
13) 1,4-Dichlorobenzene	6.92	146	384557m	18.36	ng		
14) 1,2-Dichlorobenzene	7.07	146	376316	18.76	ng		98
15) Benzyl Alcohol	7.04	79	349640	18.54	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	662214	18.42	ng		84
17) 2-Methylphenol	7.15	107	316476	18.65	ng		95
18) Hexachloroethane	7.41	117	150279	17.94	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	258205	17.01	ng	#	65
20) 3+4-Methylphenols	7.30	107	383234	19.21	ng	#	73
22) Acetophenone	7.31	105	531046	18.21	ng	#	97
24) Nitrobenzene	7.48	77	429331	19.42	ng		98
25) Isophorone	7.72	82	755956	18.13	ng		99
26) 2-Nitrophenol	7.80	139	184540	18.34	ng		94
27) 2,4-Dimethylphenol	7.84	122	365377	17.94	ng		94
28) bis(2-Chloroethoxy)methane	7.94	93	474732	18.64	ng		98
29) 2,4-Dichlorophenol	8.04	162	309541	18.25	ng		94
30) 1,2,4-Trichlorobenzene	8.12	180	318333	18.18	ng		97
31) Naphthalene	8.21	128	1043919	18.97	ng		98
32) Benzoic acid	7.92	122	151420	16.30	ng		92
33) 4-Chloroaniline	8.26	127	231733	9.18	ng	#	90
34) Hexachlorobutadiene	8.33	225	178257	17.71	ng		99
35) Caprolactam	8.60	113	93741	16.39	ng	#	40
36) 4-Chloro-3-methylphenol	8.73	107	320826	16.88	ng		89
37) 2-Methylnaphthalene	8.90	142	717765	18.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	287102	18.26	ng		97
40) Hexachlorocyclopentadiene	9.06	237	185594	19.56	ng		99

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Quant Time: Jan 02 04:01:03 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	215345	18.31	ng		96
43) 2,4,5-Trichlorophenol	9.21	196	201860	17.90	ng	#	82
45) 1,1'-Biphenyl	9.37	154	871371	20.05	ng		96
46) 2-Chloronaphthalene	9.39	162	688315	20.16	ng	#	90
47) 2-Nitroaniline	9.48	65	218608	19.40	ng	#	80
48) Acenaphthylene	9.80	152	1038244	20.59	ng		98
49) Dimethylphthalate	9.66	163	814337	20.83	ng	#	90
50) 2,6-Dinitrotoluene	9.72	165	169626	19.78	ng	#	67
51) Acenaphthene	9.97	154	657260	19.43	ng		97
52) 3-Nitroaniline	9.88	138	125087	11.77	ng		89
53) 2,4-Dinitrophenol	9.98	184	37036	13.25	ng	#	1
54) Dibenzofuran	10.14	168	918985	19.28	ng		94
55) 4-Nitrophenol	10.04	139	138594	17.97	ng		94
56) 2,4-Dinitrotoluene	10.12	165	234514	21.61	ng		94
57) Fluorene	10.49	166	705203	19.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	180104	18.71	ng		96
59) Diethylphthalate	10.36	149	739765	19.19	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	330676	18.46	ng		89
61) 4-Nitroaniline	10.50	138	180960	19.11	ng		86
62) Azobenzene	10.65	77	842523	19.93	ng		92
64) 4,6-Dinitro-2-methylphenol	10.52	198	73003	14.96	ng	#	38
65) n-Nitrosodiphenylamine	10.60	169	667622	19.94	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	197235	17.50	ng	#	64
67) Hexachlorobenzene	11.04	284	234953	18.52	ng		97
68) Atrazine	11.13	200	233614	21.32	ng		97
69) Pentachlorophenol	11.23	266	97848	14.87	ng		99
70) Phenanthrene	11.45	178	1087155	19.84	ng		98
71) Anthracene	11.51	178	1094724	20.39	ng		99
72) Carbazole	11.65	167	996373	18.98	ng		98
73) Di-n-butylphthalate	12.00	149	1226464	17.87	ng		98
74) Fluoranthene	12.64	202	1125717	19.67	ng		96
76) Benzidine	12.75	184	249069	8.70	ng		97
77) Pyrene	12.87	202	1156332	18.46	ng		99
79) Butylbenzylphthalate	13.49	149	475026	17.52	ng	#	83
80) Benzo(a)anthracene	14.05	228	848754	18.11	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	135256	8.27	ng		98
82) Chrysene	14.09	228	823907	18.29	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	635484	18.56	ng	#	96
84) Di-n-octyl phthalate	14.66	149	951280	16.45	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.91	276	610360	17.10	ng		99
87) Benzo(b)fluoranthene	15.08	252	657000m	17.60	ng		
88) Benzo(k)fluoranthene	15.11	252	646517m	21.18	ng		
89) Benzo(a)pyrene	15.44	252	599293	18.93	ng	#	97
90) Dibenzo(a,h)anthracene	16.93	278	521080	19.13	ng		97
91) Benzo(g,h,i)perylene	17.33	276	520511	18.45	ng		98

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

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