Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089808.D
Acq On : 19 Aug 2016 20:53
Operator : UM/SJ
Sample : H4367-20MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-3MS

Manual Integrations APPROVED
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8/22/2016 3:48:11 PM

Quant Time: Aug 22 02:01:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	555579	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2039067	20.00	ng		0.00
38) Acenaphthene-d10	9.71	164	826103	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1269571	20.00	ng		0.00
75) Chrysene-d12	13.84	240	819465	20.00	ng		-0.03
86) Perylene-d12	15.26	264	969683	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	3194498	98.60	ng		0.01
7) Phenol-d6	6.33	99	4182353	105.17	ng		0.01
23) Nitrobenzene-d5	7.26	82	2631981	80.19	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	721891	91.95	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	3861704	82.16	ng		0.00
78) Terphenyl-d14	12.79	244	2436911	67.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	485263	30.27	ng		96
3) Pyridine	2.84	79	1357117	32.27	ng		97
4) n-Nitrosodimethylamine	2.80	42	560434	35.80	ng		80
6) Aniline	6.34	93	1034655	19.40	ng	#	1
8) 2-Chlorophenol	6.47	128	1391902	35.93	ng		90
9) Benzaldehyde	6.22	77	397757	15.35	ng		99
10) Phenol	6.34	94	1875620	40.24	ng		86
11) bis(2-Chloroethyl)ether	6.43	93	1402082	38.79	ng		92
12) 1,3-Dichlorobenzene	6.63	146	1496871m	36.96	ng		
13) 1,4-Dichlorobenzene	6.71	146	1477237m	35.48	ng		
14) 1,2-Dichlorobenzene	6.86	146	1396412	35.93	ng		96
15) Benzyl Alcohol	6.83	79	1047497	39.72	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1611858	34.84	ng		90
17) 2-Methylphenol	6.95	107	1042231	34.35	ng		98
18) Hexachloroethane	7.20	117	516265	34.77	ng	#	88
19) n-Nitroso-di-n-propylamine	7.11	70	912021	35.86	ng		91
20) 3+4-Methylphenols	7.11	107	1309627	35.20	ng	#	64
22) Acetophenone	7.10	105	1631801	34.85	ng	#	90
24) Nitrobenzene	7.27	77	1216273	33.03	ng		98
25) Isophorone	7.52	82	2460811	37.17	ng	#	88
26) 2-Nitrophenol	7.59	139	633589	34.49	ng	#	86
27) 2,4-Dimethylphenol	7.63	122	1046939	31.62	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	1761310	43.00	ng		96
29) 2,4-Dichlorophenol	7.83	162	973273	35.03	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	1134242	36.91	ng	#	95
31) Naphthalene	7.99	128	3468807	36.40	ng		99
33) 4-Chloroaniline	8.04	127	632827	15.32	ng	#	94
34) Hexachlorobutadiene	8.12	225	571185	35.49	ng		96
35) Caprolactam	8.40	113	272062	32.15	ng		88
36) 4-Chloro-3-methylphenol	8.54	107	1111506	36.94	ng		95
37) 2-Methylnaphthalene	8.68	142	2462078	39.93	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	806095	30.13	ng		97
40) Hexachlorocyclopentadiene	8.84	237	407456	43.87	ng		99
42) 2,4,6-Trichlorophenol	8.96	196	642505	38.18	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	626802	37.45	ng	#	91
45) 1,1'-Biphenyl	9.15	154	2331476	36.47	ng		93
46) 2-Chloronaphthalene	9.16	162	1978899	39.16	ng		99
47) 2-Nitroaniline	9.26	65	637500	44.23	ng		94
48) Acenaphthylene	9.58	152	2922225	38.48	ng		99
49) Dimethylphthalate	9.46	163	3679630	63.26	ng	#	98
50) 2,6-Dinitrotoluene	9.51	165	494168	36.80	ng		91
51) Acenaphthene	9.75	154	1798311	35.78	ng		99
52) 3-Nitroaniline	9.67	138	432912	29.10	ng		99
53) 2,4-Dinitrophenol	9.77	184	35195	9.02	ng		94
54) Dibenzofuran	9.92	168	2568414	40.69	ng		98
55) 4-Nitrophenol	9.84	139	832383	68.54	ng		83
56) 2,4-Dinitrotoluene	9.91	165	764043	43.85	ng		96
57) Fluorene	10.26	166	1855743	36.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	435087	35.71	ng		94
59) Diethylphthalate	10.16	149	2347821	39.73	ng		95
60) 4-Chlorophenyl-phenylether	10.26	204	858157	37.40	ng		99
61) 4-Nitroaniline	10.27	138	512093	36.71	ng		97
62) Azobenzene	10.42	77	2339371	42.11	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	46930	6.43	ng		86
65) n-Nitrosodiphenylamine	10.38	169	1745823	43.73	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	557992	41.92	ng	#	94
67) Hexachlorobenzene	10.81	284	612767	40.35	ng	#	95
68) Atrazine	10.91	200	548571	44.87	ng		96
69) Pentachlorophenol	11.00	266	596802	69.34	ng		96
70) Phenanthrene	11.22	178	2698480	42.08	ng		99
71) Anthracene	11.27	178	2555438	39.20	ng		99
72) Carbazole	11.43	167	2518101	43.07	ng		96
73) Di-n-butylphthalate	11.77	149	2805005	38.35	ng		99
74) Fluoranthene	12.40	202	2293984	37.61	ng		98
76) Benzidine	12.53	184	605862	22.85	ng		100
77) Pyrene	12.63	202	2396652	35.92	ng		99
79) Butylbenzylphthalate	13.27	149	1012913	33.61	ng		96
80) Benzo(a)anthracene	13.83	228	1764591	37.60	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	509933	33.14	ng		97
82) Chrysene	13.86	228	1636414	40.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	1388055	33.43	ng		97
84) Di-n-octyl phthalate	14.49	149	2271912	41.18	ng		100
85) Indeno(1,2,3-cd)pyrene	16.56	276	2731081	53.21	ng		99
87) Benzo(b)fluoranthene	14.88	252	1839442m	34.48	ng		
88) Benzo(k)fluoranthene	14.91	252	1815695m	37.51	ng		
89) Benzo(a)pyrene	15.21	252	1966667	38.95	ng	#	96
90) Dibenzo(a,h)anthracene	16.57	278	2266227	41.35	ng	#	95
91) Benzo(g,h,i)perylene	16.94	276	2370991	41.08	ng		97

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

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