Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091744.D
Acq On : 18 Dec 2016 18:52
Operator : UM/SJ
Sample : H6057-04MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP20-COMP6MSD

Quant Time: Dec 19 16:39:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	342255	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1405007	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	771079	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1153321	20.00	ng		0.00
75) Chrysene-d12	13.93	240	871180	20.00	ng		0.00
86) Perylene-d12	15.32	264	738918	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	2575783	126.09	ng		0.03
7) Phenol-d6	6.43	99	2973238	119.34	ng		0.01
23) Nitrobenzene-d5	7.34	82	2193434	90.03	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	729857	111.63	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3427596	89.30	ng		0.00
78) Terphenyl-d14	12.88	244	2851986	82.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	389384m	38.70	ng		
3) Pyridine	3.22	79	974582m	30.07	ng		
4) n-Nitrosodimethylamine	3.15	42	550202	43.86	ng		96
6) Aniline	6.44	93	768912	23.99	ng	#	34
8) 2-Chlorophenol	6.57	128	932340	41.46	ng		89
9) Benzaldehyde	6.32	77	80743	3.49	ng		97
10) Phenol	6.44	94	1266657	45.11	ng		78
11) bis(2-Chloroethyl)ether	6.52	93	1097709	48.94	ng		92
12) 1,3-Dichlorobenzene	6.72	146	958897	38.83	ng		100
13) 1,4-Dichlorobenzene	6.78	146	909186	36.39	ng		99
14) 1,2-Dichlorobenzene	6.94	146	907080	41.44	ng		98
15) Benzyl Alcohol	6.92	79	829612	43.01	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1409781	41.14	ng		97
17) 2-Methylphenol	7.05	107	843235	44.87	ng		94
18) Hexachloroethane	7.28	117	373147	40.20	ng	#	86
19) n-Nitroso-di-n-propylamine	7.20	70	748876	45.19	ng		99
20) 3+4-Methylphenols	7.20	107	941058	44.90	ng		98
22) Acetophenone	7.18	105	1438433	42.40	ng	#	97
24) Nitrobenzene	7.36	77	988693	37.79	ng		98
25) Isophorone	7.61	82	2157682	46.42	ng		100
26) 2-Nitrophenol	7.68	139	574253	45.50	ng		96
27) 2,4-Dimethylphenol	7.72	122	931103	45.22	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	1278334	47.00	ng		99
29) 2,4-Dichlorophenol	7.92	162	859144	45.24	ng		88
30) 1,2,4-Trichlorobenzene	8.00	180	843930	41.01	ng	#	95
31) Naphthalene	8.08	128	2611095	38.90	ng		100
32) Benzoic acid	7.87	122	673689	45.91	ng		99
33) 4-Chloroaniline	8.13	127	555483	19.65	ng		95
34) Hexachlorobutadiene	8.20	225	483428	41.78	ng		99
35) Caprolactam	8.52	113	256305m	41.95	ng		
36) 4-Chloro-3-methylphenol	8.62	107	912519	43.56	ng		99
37) 2-Methylnaphthalene	8.77	142	1975222	46.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	733597	38.17	ng		98
40) Hexachlorocyclopentadiene	8.92	237	709525	87.10	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	608610	44.32 ng		99
43) 2,4,5-Trichlorophenol	9.10	196	564032m	41.81 ng		
45) 1,1'-Biphenyl	9.24	154	2345972	42.45 ng		99
46) 2-Chloronaphthalene	9.26	162	1781017	43.12 ng		98
47) 2-Nitroaniline	9.36	65	557511	39.54 ng		99
48) Acenaphthylene	9.68	152	2689805	42.03 ng		100
49) Dimethylphthalate	9.55	163	2214670	43.97 ng		99
50) 2,6-Dinitrotoluene	9.61	165	542572	49.13 ng		95
51) Acenaphthene	9.85	154	1869843	42.57 ng		99
52) 3-Nitroaniline	9.77	138	289737	21.07 ng		100
53) 2,4-Dinitrophenol	9.88	184	528125	88.53 ng	#	64
54) Dibenzofuran	10.02	168	2312277	44.27 ng		99
55) 4-Nitrophenol	9.95	139	642680	67.31 ng		99
56) 2,4-Dinitrotoluene	10.01	165	545706	39.56 ng	#	85
57) Fluorene	10.36	166	1845195	45.49 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	460120	41.25 ng		100
59) Diethylphthalate	10.25	149	2183469	44.10 ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	734967	39.77 ng		98
61) 4-Nitroaniline	10.40	138	531491	40.80 ng		88
62) Azobenzene	10.51	77	2216840	42.08 ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	366652	48.20 ng		73
65) n-Nitrosodiphenylamine	10.48	169	1609763	44.95 ng		100
66) 4-Bromophenyl-phenylether	10.84	248	563003	46.55 ng		94
67) Hexachlorobenzene	10.91	284	606701	47.87 ng	#	91
68) Atrazine	11.00	200	234600	21.68 ng		98
69) Pentachlorophenol	11.10	266	628297	91.88 ng		99
70) Phenanthrene	11.32	178	2844206m	49.35 ng		
71) Anthracene	11.37	178	2501744m	40.99 ng		
72) Carbazole	11.53	167	2564765	48.05 ng		99
73) Di-n-butylphthalate	11.86	149	2818808	41.19 ng		100
74) Fluoranthene	12.50	202	2426145	40.31 ng		99
76) Benzidine	12.63	184	174197	6.95 ng		96
77) Pyrene	12.73	202	2461818	39.13 ng		99
79) Butylbenzylphthalate	13.36	149	1407455	47.80 ng		90
80) Benzo(a)anthracene	13.92	228	1886656	37.86 ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	494115	24.78 ng	#	96
82) Chrysene	13.95	228	1937831	37.52 ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1525676	40.85 ng	#	98
84) Di-n-octyl phthalate	14.52	149	2981798	43.32 ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1882765	37.07 ng		99
87) Benzo(b)fluoranthene	14.93	252	2121017	45.27 ng		98
88) Benzo(k)fluoranthene	14.97	252	1935972m	58.89 ng		
89) Benzo(a)pyrene	15.28	252	1921964	47.79 ng	#	97
90) Dibenzo(a,h)anthracene	16.69	278	1550974	44.25 ng		99
91) Benzo(g,h,i)perylene	17.08	276	1544847	43.36 ng	#	95

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

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