Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091224.D
Acq On : 17 Nov 2016 20:43
Operator : UM/SJ
Sample : H5628-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-COMPMSD

Quant Time: Nov 18 10:43:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	190540	20.00	ng		-0.03
21) Naphthalene-d8	7.90	136	817765	20.00	ng		-0.05
38) Acenaphthene-d10	9.66	164	455461	20.00	ng		-0.03
63) Phenanthrene-d10	11.14	188	689861	20.00	ng		-0.03
75) Chrysene-d12	13.78	240	507412	20.00	ng		-0.03
86) Perylene-d12	15.14	264	375569	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1447647	125.48	ng		-0.01
7) Phenol-d6	6.28	99	1657022	105.82	ng		-0.03
23) Nitrobenzene-d5	7.20	82	1235107	82.39	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	511432	124.20	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	2217184	83.81	ng		-0.05
78) Terphenyl-d14	12.73	244	1902612	93.57	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	205301	31.11	ng		94
3) Pyridine	2.90	79	330079m	21.38	ng		
4) n-Nitrosodimethylamine	2.82	42	214293	35.09	ng		92
6) Aniline	6.32	93	116662	6.32	ng	#	71
8) 2-Chlorophenol	6.41	128	585985	42.58	ng		97
9) Benzaldehyde	6.19	77	39940	4.60	ng		96
10) Phenol	6.29	94	555528	32.05	ng	#	64
11) bis(2-Chloroethyl)ether	6.37	93	637602	43.66	ng		87
12) 1,3-Dichlorobenzene	6.56	146	588902m	42.31	ng		
13) 1,4-Dichlorobenzene	6.64	146	625283	41.87	ng		96
14) 1,2-Dichlorobenzene	6.80	146	555129	40.50	ng		95
15) Benzyl Alcohol	6.78	79	489802	44.34	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.91	45	717181	34.30	ng	#	46
17) 2-Methylphenol	6.91	107	459806	42.21	ng	#	91
18) Hexachloroethane	7.13	117	236148	40.86	ng		92
19) n-Nitroso-di-n-propylamine	7.06	70	485137	44.71	ng	#	90
20) 3+4-Methylphenols	7.07	107	612536	46.83	ng		96
22) Acetophenone	7.05	105	857585	45.55	ng	#	94
24) Nitrobenzene	7.22	77	695191	41.99	ng		93
25) Isophorone	7.46	82	1272255	44.04	ng		99
26) 2-Nitrophenol	7.54	139	319696	45.63	ng	#	68
27) 2,4-Dimethylphenol	7.58	122	509167	43.94	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	790631	50.10	ng		100
29) 2,4-Dichlorophenol	7.78	162	486111	48.07	ng		96
30) 1,2,4-Trichlorobenzene	7.86	180	529922	46.61	ng		98
31) Naphthalene	7.93	128	1761529	45.04	ng		99
32) Benzoic acid	7.76	122	268523	31.64	ng		96
33) 4-Chloroaniline	8.01	127	94766	5.83	ng		96
34) Hexachlorobutadiene	8.05	225	296679	48.34	ng		98
35) Caprolactam	8.38	113	113822m	35.83	ng		
36) 4-Chloro-3-methylphenol	8.50	107	542572	44.32	ng		93
37) 2-Methylnaphthalene	8.62	142	1152478	45.84	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	544883	46.92	ng		98
40) Hexachlorocyclopentadiene	8.77	237	404902	89.05	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	340654	45.44	ng		98
43) 2,4,5-Trichlorophenol	8.97	196	375392	47.69	ng		98
45) 1,1'-Biphenyl	9.09	154	1451321	43.64	ng		97
46) 2-Chloronaphthalene	9.12	162	1166124	46.18	ng		96
47) 2-Nitroaniline	9.22	65	348378	37.18	ng		93
48) Acenaphthylene	9.53	152	1668164	42.39	ng		99
49) Dimethylphthalate	9.40	163	1308560	43.81	ng		99
50) 2,6-Dinitrotoluene	9.47	165	316996	49.53	ng	#	56
51) Acenaphthene	9.70	154	1076485	43.57	ng		99
52) 3-Nitroaniline	9.64	138	70972	9.35	ng		85
53) 2,4-Dinitrophenol	9.76	184	241885	70.21	ng		89
54) Dibenzofuran	9.87	168	1436414	43.19	ng		98
55) 4-Nitrophenol	9.82	139	295750	60.05	ng	#	82
56) 2,4-Dinitrotoluene	9.87	165	336870	41.37	ng	#	76
57) Fluorene	10.21	166	1202607	44.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	306586	49.72	ng		96
59) Diethylphthalate	10.10	149	1244205	40.63	ng		98
60) 4-Chlorophenyl-phenylether	10.20	204	531810	42.99	ng	#	78
61) 4-Nitroaniline	10.25	138	249759	32.53	ng		92
62) Azobenzene	10.36	77	1426924	39.59	ng		87
64) 4,6-Dinitro-2-methylphenol	10.28	198	183522	43.44	ng	#	50
65) n-Nitrosodiphenylamine	10.33	169	1005850	45.87	ng		100
66) 4-Bromophenyl-phenylether	10.69	248	359336	50.08	ng	#	82
67) Hexachlorobenzene	10.76	284	423083	53.46	ng	#	82
68) Atrazine	10.86	200	285551	45.14	ng		96
69) Pentachlorophenol	10.96	266	329905	94.12	ng		98
70) Phenanthrene	11.17	178	1757803	47.93	ng		99
71) Anthracene	11.22	178	1649169	42.30	ng		99
72) Carbazole	11.38	167	1399393	39.83	ng		99
73) Di-n-butylphthalate	11.72	149	2055898	46.53	ng		100
74) Fluoranthene	12.35	202	1511556	39.74	ng		95
76) Benzidine	12.49	184	43574	3.84	ng		98
77) Pyrene	12.58	202	1661803	50.01	ng		99
79) Butylbenzylphthalate	13.21	149	750903	47.24	ng	#	86
80) Benzo(a)anthracene	13.77	228	1242709	43.14	ng		100
81) 3,3'-Dichlorobenzidine	13.73	252	189236	18.70	ng	#	98
82) Chrysene	13.80	228	1232405	43.38	ng		98
83) Bis(2-ethylhexyl)phthalate	13.77	149	959195	44.59	ng	#	99
84) Di-n-octyl phthalate	14.39	149	1710029	48.35	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.42	276	1004663	42.62	ng		95
87) Benzo(b)fluoranthene	14.77	252	1163269m	45.67	ng		
88) Benzo(k)fluoranthene	14.80	252	976690m	43.71	ng		
89) Benzo(a)pyrene	15.09	252	994086	44.83	ng		99
90) Dibenzo(a,h)anthracene	16.42	278	853698	44.53	ng		99
91) Benzo(g,h,i)perylene	16.79	276	796618	45.95	ng		98

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

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