Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084274.D
Acq On : 5 Jan 2016 9:11
Operator : UM/SJ
Sample : G4949-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-1(20.0-20.5)MS

Manual Integrations APPROVED
Sohil
1/5/2016 4:07:35 PM

Quant Time: Jan 05 11:20:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	267842	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1004965	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	425559	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	765121	20.00	ng		0.00
75) Chrysene-d12	14.05	240	537157	20.00	ng		-0.01
86) Perylene-d12	15.49	264	558137	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2157514	130.29	ng		0.02
7) Phenol-d6	6.54	99	2954537	142.06	ng		0.01
23) Nitrobenzene-d5	7.46	82	1954078	108.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	634765	147.74	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2666608	112.26	ng		0.00
78) Terphenyl-d14	13.00	244	2316004	96.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	320964	40.92	ng	#	73
3) Pyridine	3.32	79	975912	44.62	ng	#	74
4) n-Nitrosodimethylamine	3.28	42	554373	49.38	ng		78
6) Aniline	6.56	93	766190	25.18	ng	#	2
8) 2-Chlorophenol	6.68	128	877646	46.71	ng		84
9) Benzaldehyde	6.44	77	347674	25.67	ng		93
10) Phenol	6.56	94	948767	40.12	ng	#	72
11) bis(2-Chloroethyl)ether	6.64	93	973816	53.16	ng		86
12) 1,3-Dichlorobenzene	6.83	146	888952m	45.87	ng		
13) 1,4-Dichlorobenzene	6.91	146	895969	46.10	ng		96
14) 1,2-Dichlorobenzene	7.07	146	843824	45.34	ng		96
15) Benzyl Alcohol	7.05	79	839936	48.01	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1486372	44.56	ng		94
17) 2-Methylphenol	7.16	107	715039	45.41	ng	#	90
18) Hexachloroethane	7.40	117	410837	52.86	ng		90
19) n-Nitroso-di-n-propylamine	7.32	70	706746	50.20	ng	#	76
20) 3+4-Methylphenols	7.32	107	939485	50.76	ng	#	84
22) Acetophenone	7.31	105	1245507	51.54	ng	#	90
24) Nitrobenzene	7.48	77	967794	52.84	ng		96
25) Isophorone	7.72	82	1839849	53.28	ng		99
26) 2-Nitrophenol	7.80	139	509579	61.14	ng		95
27) 2,4-Dimethylphenol	7.85	122	765042	45.34	ng		93
28) bis(2-Chloroethoxy)methane	7.94	93	1153161	54.67	ng	#	92
29) 2,4-Dichlorophenol	8.04	162	714638	50.85	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	736743	50.78	ng		97
31) Naphthalene	8.20	128	2326723	51.03	ng		97
32) Benzoic acid	7.94	122	201864	22.43	ng	#	67
33) 4-Chloroaniline	8.26	127	473726	22.66	ng		95
34) Hexachlorobutadiene	8.33	225	444101	53.25	ng		99
35) Caprolactam	8.61	113	314548	66.39	ng	#	1
36) 4-Chloro-3-methylphenol	8.75	107	787492	50.02	ng		94
37) 2-Methylnaphthalene	8.90	142	1670314	51.03	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	668012	54.60	ng		96
40) Hexachlorocyclopentadiene	9.05	237	670308	90.76	ng		97

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Quant Time: Jan 05 11:20:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	508636	55.57	ng		94
43) 2,4,5-Trichlorophenol	9.23	196	455921	51.96	ng	#	87
45) 1,1'-Biphenyl	9.37	154	1870897	55.32	ng		98
46) 2-Chloronaphthalene	9.39	162	1380875	51.98	ng		96
47) 2-Nitroaniline	9.48	65	524224	59.79	ng		94
48) Acenaphthylene	9.80	152	2021711	51.51	ng	#	93
49) Dimethylphthalate	9.68	163	1927702	63.36	ng	#	91
50) 2,6-Dinitrotoluene	9.73	165	382150	57.27	ng	#	64
51) Acenaphthene	9.97	154	1433255	54.44	ng		99
52) 3-Nitroaniline	9.89	138	320064	38.71	ng		99
53) 2,4-Dinitrophenol	10.01	184	168078	60.06	ng		95
54) Dibenzofuran	10.16	168	1844499	54.74	ng	#	96
55) 4-Nitrophenol	10.08	139	619302	103.19	ng	#	73
56) 2,4-Dinitrotoluene	10.13	165	421592	49.92	ng	#	79
57) Fluorene	10.50	166	1567051	60.24	ng	#	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	344883	46.04	ng	#	94
59) Diethylphthalate	10.37	149	1604656	53.50	ng		96
60) 4-Chlorophenyl-phenylether	10.49	204	681679	64.74	ng		99
61) 4-Nitroaniline	10.51	138	294732	39.99	ng		94
62) Azobenzene	10.65	77	1753999	53.31	ng		89
64) 4,6-Dinitro-2-methylphenol	10.54	198	201353	43.15	ng		92
65) n-Nitrosodiphenylamine	10.60	169	1492356	61.00	ng		93
66) 4-Bromophenyl-phenylether	10.98	248	431665	52.42	ng		99
67) Hexachlorobenzene	11.05	284	477160	51.48	ng		96
68) Atrazine	11.14	200	504075	62.97	ng		97
69) Pentachlorophenol	11.24	266	384619	80.03	ng		99
70) Phenanthrene	11.46	178	2345783	58.61	ng		97
71) Anthracene	11.50	178	2129234	54.27	ng		96
72) Carbazole	11.66	167	1857959	48.44	ng		98
73) Di-n-butylphthalate	11.98	149	2167351	56.68	ng	#	95
74) Fluoranthene	12.64	202	2094835	50.11	ng		95
76) Benzidine	12.75	184	306690	15.92	ng		99
77) Pyrene	12.87	202	2177554	51.66	ng		97
79) Butylbenzylphthalate	13.48	149	928073	50.88	ng		95
80) Benzo(a)anthracene	14.04	228	1471732	46.66	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	407867	37.05	ng	#	96
82) Chrysene	14.09	228	1504131	49.63	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1063277	46.14	ng	#	96
84) Di-n-octyl phthalate	14.65	149	1758083	45.19	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.92	276	1722951	71.71	ng		100
87) Benzo(b)fluoranthene	15.08	252	1608174	44.05	ng		97
88) Benzo(k)fluoranthene	15.12	252	1466878m	49.13	ng		
89) Benzo(a)pyrene	15.44	252	1501249	48.48	ng	#	96
90) Dibenzo(a,h)anthracene	16.95	278	1435602	53.87	ng	#	94
91) Benzo(g,h,i)perylene	17.35	276	1412347	51.18	ng		98

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

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