Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091741.D
Acq On : 18 Dec 2016 17:29
Operator : UM/SJ
Sample : H6125-02MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49(22.5-24.5)-12-14-16MS

Quant Time: Dec 19 03:16:04 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	317573	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1191158	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	668160	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	562672	20.00	ng		0.00
75) Chrysene-d12	13.93	240	458250	20.00	ng		0.00
86) Perylene-d12	15.32	264	359398	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	2607005	137.54	ng		0.02
7) Phenol-d6	6.42	99	3110941	134.57	ng		0.00
23) Nitrobenzene-d5	7.34	82	1963229	95.05	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	473798	83.63	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	2945326	88.56	ng		0.00
78) Terphenyl-d14	12.88	244	1504043	82.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	406220	43.52	ng		98
3) Pyridine	3.09	79	1187045	39.47	ng		96
4) n-Nitrosodimethylamine	3.06	42	589236	50.63	ng		99
6) Aniline	6.44	93	421061	14.16	ng	#	58
8) 2-Chlorophenol	6.56	128	939361	45.02	ng		96
9) Benzaldehyde	6.30	77	168603	9.67	ng		89
10) Phenol	6.44	94	1272341	48.83	ng	#	69
11) bis(2-Chloroethyl)ether	6.51	93	870541	41.83	ng		96
12) 1,3-Dichlorobenzene	6.70	146	940213m	41.03	ng		
13) 1,4-Dichlorobenzene	6.78	146	988535	42.64	ng		99
14) 1,2-Dichlorobenzene	6.94	146	924103	45.50	ng		96
15) Benzyl Alcohol	6.92	79	791711	44.23	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1422121	44.72	ng		99
17) 2-Methylphenol	7.05	107	844927	48.46	ng		94
18) Hexachloroethane	7.28	117	361938	42.02	ng	#	86
19) n-Nitroso-di-n-propylamine	7.20	70	693908	45.13	ng		99
20) 3+4-Methylphenols	7.20	107	982350	50.51	ng	#	87
22) Acetophenone	7.18	105	1360538	47.31	ng	#	98
24) Nitrobenzene	7.36	77	957995	43.19	ng		98
25) Isophorone	7.60	82	2037220	51.69	ng		96
26) 2-Nitrophenol	7.68	139	636737	59.51	ng		93
27) 2,4-Dimethylphenol	7.72	122	969142	55.52	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	1312138	56.90	ng		100
29) 2,4-Dichlorophenol	7.92	162	816534	50.72	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	792082	45.40	ng	#	96
31) Naphthalene	8.08	128	2483329	43.64	ng		99
32) Benzoic acid	7.81	122	67745	5.45	ng		98
33) 4-Chloroaniline	8.13	127	193439	8.07	ng		94
34) Hexachlorobutadiene	8.20	225	448746	45.75	ng		99
35) Caprolactam	8.52	113	283157m	54.66	ng		
36) 4-Chloro-3-methylphenol	8.62	107	998908	56.24	ng		98
37) 2-Methylnaphthalene	8.77	142	1731140	48.25	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	684955	41.13	ng		99
40) Hexachlorocyclopentadiene	8.92	237	582285	82.49	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	547873	46.04	ng		100
43) 2,4,5-Trichlorophenol	9.10	196	561038	47.99	ng	#	89
45) 1,1'-Biphenyl	9.23	154	2071054	43.25	ng		96
46) 2-Chloronaphthalene	9.26	162	1597807	44.65	ng		97
47) 2-Nitroaniline	9.36	65	585966	47.95	ng		99
48) Acenaphthylene	9.68	152	2731666	49.26	ng		100
49) Dimethylphthalate	9.55	163	2762175	63.29	ng		99
50) 2,6-Dinitrotoluene	9.61	165	476069	49.75	ng		99
51) Acenaphthene	9.85	154	1755701	46.13	ng		99
52) 3-Nitroaniline	9.77	138	188233	15.80	ng		86
53) 2,4-Dinitrophenol	9.87	184	157878	30.54	ng	#	47
54) Dibenzofuran	10.02	168	2490047	55.02	ng		99
55) 4-Nitrophenol	9.95	139	795831	96.18	ng		99
56) 2,4-Dinitrotoluene	10.01	165	623375	52.15	ng		92
57) Fluorene	10.36	166	1719262	48.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	457885	47.37	ng	#	99
59) Diethylphthalate	10.25	149	2046729	47.71	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	672426	41.99	ng		99
61) 4-Nitroaniline	10.38	138	394448	34.94	ng		96
62) Azobenzene	10.51	77	2089329	45.77	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	272221	73.35	ng		94
65) n-Nitrosodiphenylamine	10.48	169	1599645	91.55	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	311910	52.86	ng		96
67) Hexachlorobenzene	10.91	284	322704	52.19	ng	#	90
68) Atrazine	11.01	200	307466	58.23	ng		93
69) Pentachlorophenol	11.10	266	348385	104.42	ng		98
70) Phenanthrene	11.32	178	1578371m	56.14	ng		
71) Anthracene	11.37	178	1370829m	46.03	ng		
72) Carbazole	11.53	167	1422710	54.64	ng		100
73) Di-n-butylphthalate	11.86	149	1621623	48.57	ng		99
74) Fluoranthene	12.51	202	1581498	53.86	ng		90
76) Benzidine	12.63	184	457685	34.70	ng		97
77) Pyrene	12.73	202	1341147	40.53	ng		100
79) Butylbenzylphthalate	13.36	149	757094	48.88	ng		90
80) Benzo(a)anthracene	13.92	228	1186663	45.27	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	191915	18.30	ng	#	96
82) Chrysene	13.95	228	939115	34.56	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	944228	48.06	ng		100
84) Di-n-octyl phthalate	14.52	149	1633207	45.11	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	913971	34.21	ng		95
87) Benzo(b)fluoranthene	14.93	252	1075926	47.21	ng	#	97
88) Benzo(k)fluoranthene	14.96	252	983332m	61.50	ng		
89) Benzo(a)pyrene	15.28	252	972389	49.71	ng	#	93
90) Dibenzo(a,h)anthracene	16.69	278	774531	45.43	ng		96
91) Benzo(g,h,i)perylene	17.08	276	726398	41.92	ng		99

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

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