Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091742.D
Acq On : 18 Dec 2016 17:57
Operator : UM/SJ
Sample : H6125-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Dec 19 03:18:23 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	163409	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	800505	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	694629	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	984877	20.00	ng		0.00
75) Chrysene-d12	13.93	240	735152	20.00	ng		0.00
86) Perylene-d12	15.32	264	633442	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	2477197	253.98	ng		0.02
7) Phenol-d6	6.42	99	3127656	262.93	ng		0.00
23) Nitrobenzene-d5	7.34	82	1725900	124.33	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	759452	128.94	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3372137	97.53	ng		0.00
78) Terphenyl-d14	12.88	244	2595889	89.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	381293	79.38	ng		98
3) Pyridine	3.08	79	1065922	68.88	ng		99
4) n-Nitrosodimethylamine	3.05	42	532954	88.99	ng		97
6) Aniline	6.44	93	545277	35.63	ng	#	68
8) 2-Chlorophenol	6.56	128	763446	71.11	ng		95
9) Benzaldehyde	6.32	77	163504	20.48	ng		95
10) Phenol	6.44	94	1273351	94.97	ng	#	74
11) bis(2-Chloroethyl)ether	6.51	93	862165	80.51	ng		95
12) 1,3-Dichlorobenzene	6.70	146	588996	49.95	ng	#	88
13) 1,4-Dichlorobenzene	6.78	146	598677	50.18	ng		99
14) 1,2-Dichlorobenzene	6.94	146	597514	57.18	ng		98
15) Benzyl Alcohol	6.92	79	543990	59.07	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	872184	53.30	ng		99
17) 2-Methylphenol	7.05	107	539597	60.14	ng	#	92
18) Hexachloroethane	7.29	117	299772	67.63	ng		91
19) n-Nitroso-di-n-propylamine	7.20	70	497915	62.93	ng		98
20) 3+4-Methylphenols	7.20	107	669290	66.88	ng		91
22) Acetophenone	7.18	105	950482	49.18	ng	#	98
24) Nitrobenzene	7.36	77	816337	54.76	ng		99
25) Isophorone	7.60	82	1712435	64.66	ng		95
26) 2-Nitrophenol	7.68	139	391153	54.40	ng		97
27) 2,4-Dimethylphenol	7.72	122	604632	51.54	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	1043080	67.31	ng		100
29) 2,4-Dichlorophenol	7.92	162	511047	47.24	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	523063	44.61	ng	#	94
31) Naphthalene	8.08	128	2078395	54.35	ng		100
32) Benzoic acid	7.82	122	72068	8.62	ng		93
33) 4-Chloroaniline	8.13	127	238565	14.81	ng		94
34) Hexachlorobutadiene	8.20	225	404066	61.29	ng		99
35) Caprolactam	8.52	113	205874m	59.14	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1116643	93.56	ng		93
37) 2-Methylnaphthalene	8.77	142	2095215	86.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	833632	48.15	ng		99
40) Hexachlorocyclopentadiene	8.92	237	634545	86.47	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	688883	55.68	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	660798	54.37	ng	#	90
45) 1,1'-Biphenyl	9.24	154	2444221	49.09	ng		98
46) 2-Chloronaphthalene	9.26	162	1877505	50.46	ng		96
47) 2-Nitroaniline	9.36	65	647598	50.98	ng		98
48) Acenaphthylene	9.68	152	2802129	48.61	ng		99
49) Dimethylphthalate	9.55	163	3125675	68.89	ng		99
50) 2,6-Dinitrotoluene	9.61	165	565231	56.82	ng		97
51) Acenaphthene	9.85	154	1977315	49.97	ng		99
52) 3-Nitroaniline	9.77	138	230779	18.63	ng		90
53) 2,4-Dinitrophenol	9.88	184	261485	48.65	ng		97
54) Dibenzofuran	10.02	168	2448944	52.05	ng		98
55) 4-Nitrophenol	9.95	139	759680	88.32	ng		99
56) 2,4-Dinitrotoluene	10.01	165	585356	47.10	ng	#	84
57) Fluorene	10.36	166	1938955	53.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	519190	51.67	ng		99
59) Diethylphthalate	10.25	149	2312072	51.84	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	768420	46.16	ng		98
61) 4-Nitroaniline	10.38	138	523518	44.61	ng		97
62) Azobenzene	10.51	77	2453558	51.70	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	361986	55.73	ng		90
65) n-Nitrosodiphenylamine	10.48	169	1851524	60.54	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	521106	50.46	ng		98
67) Hexachlorobenzene	10.91	284	579419	53.54	ng	#	92
68) Atrazine	11.01	200	571462	61.83	ng		96
69) Pentachlorophenol	11.10	266	580433	99.39	ng		99
70) Phenanthrene	11.32	178	2714506m	55.16	ng		
71) Anthracene	11.37	178	2398803m	46.02	ng		
72) Carbazole	11.53	167	2375604	52.12	ng		99
73) Di-n-butylphthalate	11.86	149	2817581	48.22	ng		99
74) Fluoranthene	12.51	202	2655434	51.66	ng		96
76) Benzidine	12.63	184	933690	44.12	ng		98
77) Pyrene	12.73	202	2368797	44.62	ng		99
79) Butylbenzylphthalate	13.36	149	1325985	53.36	ng		93
80) Benzo(a)anthracene	13.92	228	1971179	46.88	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	419964	24.96	ng	#	96
82) Chrysene	13.95	228	1683376	38.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1445196	45.85	ng	#	98
84) Di-n-octyl phthalate	14.52	149	2907169	50.05	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1734458	40.47	ng		100
87) Benzo(b)fluoranthene	14.93	252	1955129m	48.67	ng		
88) Benzo(k)fluoranthene	14.97	252	1787815m	63.44	ng		
89) Benzo(a)pyrene	15.28	252	1767177	51.26	ng	#	97
90) Dibenzo(a,h)anthracene	16.69	278	1419814	47.25	ng		99
91) Benzo(g,h,i)perylene	17.08	276	1423092	46.60	ng	#	94

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

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