Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091776.D
Acq On : 19 Dec 2016 12:17
Operator : UM/SJ
Sample : H6125-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Dec 19 17:47:01 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	6.76	152	229107	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	908189	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	486971	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	774791	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	439875	20.00	ng		-0.01
86) Perylene-d12	15.31	264	452150	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1770342	129.46	ng		0.00
7) Phenol-d6	6.42	99	2357037	141.33	ng		0.00
23) Nitrobenzene-d5	7.33	82	1592167	101.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	503340	121.89	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	2231968	92.08	ng		-0.01
78) Terphenyl-d14	12.87	244	1810179	103.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	267291	39.69	ng		98
3) Pyridine	3.04	79	875077	40.33	ng		97
4) n-Nitrosodimethylamine	2.99	42	430625	51.29	ng		96
6) Aniline	6.43	93	461445	21.50	ng	#	19
8) 2-Chlorophenol	6.56	128	725031	48.17	ng		84
9) Benzaldehyde	6.30	77	120159	9.53	ng		96
10) Phenol	6.43	94	1118748	59.51	ng		79
11) bis(2-Chloroethyl)ether	6.50	93	716776	47.74	ng		96
12) 1,3-Dichlorobenzene	6.70	146	746350	45.15	ng		99
13) 1,4-Dichlorobenzene	6.77	146	738901	44.18	ng		99
14) 1,2-Dichlorobenzene	6.93	146	706322	48.21	ng		100
15) Benzyl Alcohol	6.91	79	587300	45.48	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	991344	43.21	ng		98
17) 2-Methylphenol	7.04	107	635441	50.52	ng		97
18) Hexachloroethane	7.28	117	285368	45.92	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	501890	45.24	ng		97
20) 3+4-Methylphenols	7.18	107	716547	51.07	ng		93
22) Acetophenone	7.17	105	1020322	46.53	ng		96
24) Nitrobenzene	7.34	77	730424	43.19	ng		97
25) Isophorone	7.60	82	1493867	49.72	ng		99
26) 2-Nitrophenol	7.66	139	387851	47.54	ng		100
27) 2,4-Dimethylphenol	7.71	122	653836	49.13	ng		100
28) bis(2-Chloroethoxy)methane	7.80	93	872866	49.65	ng		99
29) 2,4-Dichlorophenol	7.92	162	635515	51.77	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	628342	47.23	ng	#	95
31) Naphthalene	8.06	128	1984325	45.73	ng		99
32) Benzoic acid	7.80	122	77399	8.16	ng		98
33) 4-Chloroaniline	8.12	127	259099	14.18	ng		95
34) Hexachlorobutadiene	8.19	225	341689	45.68	ng		98
35) Caprolactam	8.50	113	199681m	50.56	ng		
36) 4-Chloro-3-methylphenol	8.62	107	725867	53.60	ng		90
37) 2-Methylnaphthalene	8.76	142	1322038	48.33	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	578996	47.70	ng		100
40) Hexachlorocyclopentadiene	8.92	237	368630	71.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	450054	51.89	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	419224	49.20	ng	#	91
45) 1,1'-Biphenyl	9.23	154	1712310	49.06	ng		99
46) 2-Chloronaphthalene	9.25	162	1254547	48.10	ng		99
47) 2-Nitroaniline	9.34	65	397125	44.59	ng		97
48) Acenaphthylene	9.66	152	1907507	47.20	ng		99
49) Dimethylphthalate	9.54	163	2027720	63.75	ng		99
50) 2,6-Dinitrotoluene	9.60	165	363498	52.12	ng		97
51) Acenaphthene	9.84	154	1271321	45.83	ng		99
52) 3-Nitroaniline	9.76	138	193105	22.24	ng		99
53) 2,4-Dinitrophenol	9.87	184	110546	29.34	ng		99
54) Dibenzofuran	10.01	168	1647382	49.95	ng		99
55) 4-Nitrophenol	9.94	139	493656	81.86	ng		99
56) 2,4-Dinitrotoluene	10.00	165	424946	48.78	ng		94
57) Fluorene	10.35	166	1296490	50.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	356773	50.65	ng		99
59) Diethylphthalate	10.24	149	1526440	48.82	ng		96
60) 4-Chlorophenyl-phenylether	10.34	204	523879	44.89	ng		98
61) 4-Nitroaniline	10.37	138	303470	36.89	ng		98
62) Azobenzene	10.50	77	1519307	45.67	ng		100
64) 4,6-Dinitro-2-methylphenol	10.41	198	167511	32.78	ng		93
65) n-Nitrosodiphenylamine	10.46	169	1177498	48.94	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	382958	47.14	ng		97
67) Hexachlorobenzene	10.90	284	418827	49.19	ng		97
68) Atrazine	10.99	200	362024	49.79	ng		96
69) Pentachlorophenol	11.09	266	411076	89.48	ng		99
70) Phenanthrene	11.31	178	2002454	51.72	ng		99
71) Anthracene	11.36	178	1744394	42.54	ng		99
72) Carbazole	11.52	167	1770350	49.37	ng		99
73) Di-n-butylphthalate	11.85	149	1948700	42.39	ng		100
74) Fluoranthene	12.49	202	1753631	43.37	ng		99
76) Benzidine	12.61	184	363379	28.70	ng		97
77) Pyrene	12.72	202	1715329	54.00	ng		100
79) Butylbenzylphthalate	13.35	149	829011	55.76	ng	#	82
80) Benzo(a)anthracene	13.91	228	1182709	47.01	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	327958	32.58	ng	#	96
82) Chrysene	13.94	228	1209762	46.39	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	928915	49.25	ng	#	97
84) Di-n-octyl phthalate	14.51	149	1498041	43.10	ng		99
85) Indeno(1,2,3-cd)pyrene	16.66	276	1382863	53.93	ng		99
87) Benzo(b)fluoranthene	14.91	252	1413320m	49.29	ng		
88) Benzo(k)fluoranthene	14.95	252	879219m	43.70	ng		
89) Benzo(a)pyrene	15.25	252	1118513	45.45	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	1118919	52.16	ng		100
91) Benzo(g,h,i)perylene	17.06	276	1212529	55.62	ng	#	95

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

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