Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082882.D
Acq On : 10 Nov 2015 21:14
Operator : UM/IZ
Sample : G4325-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9862-AMS

Quant Time: Nov 13 18:16:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	295150	20.00	ng		-0.03
21) Naphthalene-d8	8.11	136	1165019	20.00	ng		-0.03
38) Acenaphthene-d10	9.86	164	573259	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	1071499	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	833233	20.00	ng		-0.03
86) Perylene-d12	15.40	264	700850	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	2082416	109.78	ng		0.00
7) Phenol-d6	6.46	99	2691692	106.74	ng		-0.01
23) Nitrobenzene-d5	7.39	82	2069525	77.29	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	775499	117.98	ng		-0.02
44) 2-Fluorobiphenyl	9.18	172	3018837	75.48	ng		-0.03
78) Terphenyl-d14	12.93	244	2654490	75.56	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	287187	35.09	ng	#	81
3) Pyridine	3.29	79	797768m	33.59	ng		
4) n-Nitrosodimethylamine	3.20	42	398164	33.80	ng	#	72
6) Aniline	6.48	93	498804	14.09	ng	#	1
8) 2-Chlorophenol	6.61	128	780514	37.12	ng		97
9) Benzaldehyde	6.36	77	53571m	3.85	ng		
10) Phenol	6.48	94	837572	29.27	ng		84
11) bis(2-Chloroethyl)ether	6.56	93	821578	38.39	ng		93
12) 1,3-Dichlorobenzene	6.76	146	866319m	36.53	ng		
13) 1,4-Dichlorobenzene	6.83	146	811174	32.87	ng		98
14) 1,2-Dichlorobenzene	6.99	146	814473	36.30	ng		100
15) Benzyl Alcohol	6.97	79	782197	35.32	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1251760	39.88	ng		96
17) 2-Methylphenol	7.08	107	688520	38.66	ng		99
18) Hexachloroethane	7.33	117	310153	35.14	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	648605	34.99	ng		88
20) 3+4-Methylphenols	7.24	107	839074	36.23	ng	#	74
22) Acetophenone	7.23	105	1168952	35.02	ng		94
24) Nitrobenzene	7.40	77	938482	34.28	ng		94
25) Isophorone	7.65	82	1845171	37.25	ng		95
26) 2-Nitrophenol	7.72	139	450594	39.43	ng	#	69
27) 2,4-Dimethylphenol	7.77	122	743813	36.22	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	1059192	37.90	ng		99
29) 2,4-Dichlorophenol	7.97	162	746978	40.25	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	778946	37.32	ng	#	94
31) Naphthalene	8.13	128	2312786	35.98	ng		99
32) Benzoic acid	7.92	122	573755	40.81	ng	#	80
33) 4-Chloroaniline	8.18	127	216086m	7.80	ng		
34) Hexachlorobutadiene	8.25	225	443052	33.92	ng		99
35) Caprolactam	8.56	113	258835m	44.24	ng		
36) 4-Chloro-3-methylphenol	8.67	107	794306	36.39	ng		89
37) 2-Methylnaphthalene	8.82	142	1480367	35.60	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	720152	38.23	ng		97
40) Hexachlorocyclopentadiene	8.98	237	654977	64.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	614763	43.72	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	451256	32.45	ng		95
45) 1,1'-Biphenyl	9.29	154	1885332	38.33	ng		97
46) 2-Chloronaphthalene	9.31	162	1493418	38.92	ng		98
47) 2-Nitroaniline	9.40	65	522727	36.72	ng	#	84
48) Acenaphthylene	9.72	152	2198099	36.55	ng		99
49) Dimethylphthalate	9.60	163	1868064	39.77	ng		99
50) 2,6-Dinitrotoluene	9.65	165	468781	46.78	ng	#	67
51) Acenaphthene	9.89	154	1607642	42.18	ng		97
52) 3-Nitroaniline	9.81	138	226548	20.55	ng	#	79
53) 2,4-Dinitrophenol	9.93	184	471574	85.71	ng	#	7
54) Dibenzofuran	10.06	168	2068258	40.25	ng		94
55) 4-Nitrophenol	10.00	139	698083	82.56	ng	#	78
56) 2,4-Dinitrotoluene	10.05	165	500194	36.79	ng		98
57) Fluorene	10.41	166	1480925	35.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	445493	39.25	ng		89
59) Diethylphthalate	10.29	149	1726237	37.64	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	851700	40.91	ng		97
61) 4-Nitroaniline	10.43	138	389458	35.14	ng	#	78
62) Azobenzene	10.57	77	2201894	44.70	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	304653	39.91	ng		88
65) n-Nitrosodiphenylamine	10.52	169	1423142	36.76	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	505771	39.20	ng		98
67) Hexachlorobenzene	10.97	284	555483	38.56	ng	#	55
68) Atrazine	11.06	200	523316	43.72	ng		97
69) Pentachlorophenol	11.16	266	656915	75.09	ng		99
70) Phenanthrene	11.37	178	2213473	35.57	ng		99
71) Anthracene	11.42	178	2527047	38.55	ng		99
72) Carbazole	11.57	167	1981647	34.54	ng		100
73) Di-n-butylphthalate	11.92	149	2694987	37.70	ng		98
74) Fluoranthene	12.56	202	2346462	35.14	ng		98
76) Benzidine	12.67	184	620551	22.22	ng		99
77) Pyrene	12.79	202	2496187	43.62	ng		99
79) Butylbenzylphthalate	13.41	149	1327515	52.51	ng		85
80) Benzo(a)anthracene	13.97	228	1977811	37.96	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	475110	25.65	ng	#	97
82) Chrysene	14.01	228	1757261	36.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1517260	43.85	ng		98
84) Di-n-octyl phthalate	14.59	149	2640002	45.74	ng		100
85) Indeno(1,2,3-cd)pyrene	16.79	276	1637601	39.84	ng	#	94
87) Benzo(b)fluoranthene	15.00	252	1700667	37.80	ng	#	98
88) Benzo(k)fluoranthene	15.04	252	1653033m	41.42	ng		
89) Benzo(a)pyrene	15.35	252	1501219	38.52	ng	#	96
90) Dibenzo(a,h)anthracene	16.81	278	1394428	42.25	ng		100
91) Benzo(g,h,i)perylene	17.20	276	1361768	43.08	ng	#	93

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

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