Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075586.D
Acq On : 16 Nov 2014 17:52
Operator : TP / JJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 17 05:57:38 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 05:54:27 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	61801	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	274980	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	146303	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	253669	20.00	ng		0.00
75) Chrysene-d12	16.47	240	265878	20.00	ng		0.00
86) Perylene-d12	18.24	264	263993	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	285823	81.70	ng		0.00
7) Phenol-d6	7.11	99	358927	85.32	ng		0.00
23) Nitrobenzene-d5	8.24	82	308874	82.35	ng		0.00
41) 2,4,6-Tribromophenol	12.30	330	94513	77.13	ng		0.00
44) 2-Fluorobiphenyl	10.48	172	634176	78.33	ng		0.00
78) Terphenyl-d14	15.16	244	728720	73.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	58655	39.94	ng		94
3) Pyridine	3.25	79	153679	38.94	ng		95
4) n-Nitrosodimethylamine	3.18	42	85533	40.95	ng		83
6) Aniline	7.14	93	259942	42.78	ng		95
8) 2-Chlorophenol	7.28	128	166078	41.02	ng		84
9) Benzaldehyde	7.00	77	114646	40.52	ng		96
10) Phenol	7.12	94	219381	42.75	ng		89
11) bis(2-Chloroethyl)ether	7.24	93	161538	41.56	ng		87
12) 1,3-Dichlorobenzene	7.48	146	178063	40.36	ng		94
13) 1,4-Dichlorobenzene	7.58	146	183979	40.99	ng		94
14) 1,2-Dichlorobenzene	7.76	146	175582	41.72	ng		94
15) Benzyl Alcohol	7.73	79	131622	39.86	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.91	45	325621	40.47	ng		96
17) 2-Methylphenol	7.88	107	145111	43.29	ng		96
18) Hexachloroethane	8.18	117	62042	40.31	ng	#	76
19) n-Nitroso-di-n-propylamine	8.06	70	114386	39.90	ng		95
20) 3+4-Methylphenols	8.07	107	180868	41.21	ng	#	67
22) Acetophenone	8.06	105	240523	40.55	ng	#	91
24) Nitrobenzene	8.26	77	173981	40.03	ng		92
25) Isophorone	8.56	82	336589	39.31	ng		94
26) 2-Nitrophenol	8.66	139	88900	44.89	ng	#	76
27) 2,4-Dimethylphenol	8.72	122	155664	40.55	ng		99
28) bis(2-Chloroethoxy)methane	8.85	93	198011	37.94	ng	#	98
29) 2,4-Dichlorophenol	8.96	162	138985	41.33	ng		98
30) 1,2,4-Trichlorobenzene	9.06	180	137706	39.00	ng	#	94
31) Naphthalene	9.17	128	490830	40.04	ng		99
32) Benzoic acid	8.82	122	97560	42.06	ng		97
33) 4-Chloroaniline	9.24	127	220107	41.32	ng	#	95
34) Hexachlorobutadiene	9.32	225	71875	37.67	ng		96
35) Caprolactam	9.66	113	46360	41.60	ng		98
36) 4-Chloro-3-methylphenol	9.83	107	151054	40.94	ng		92
37) 2-Methylnaphthalene	10.02	142	347529	41.55	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	124250	41.31	ng		99
40) Hexachlorocyclopentadiene	10.21	237	61795	33.83	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	94483	39.51	ng		99
43) 2,4,5-Trichlorophenol	10.42	196	102427	41.12	ng		96
45) 1,1'-Biphenyl	10.61	154	408058	41.35	ng		97
46) 2-Chloronaphthalene	10.63	162	321160	41.62	ng		93
47) 2-Nitroaniline	10.76	65	103743	44.68	ng	#	67
48) Acenaphthylene	11.14	152	536243	42.15	ng		99
49) Dimethylphthalate	10.98	163	383656	38.36	ng		99
50) 2,6-Dinitrotoluene	11.06	165	85272	43.29	ng	#	62
51) Acenaphthene	11.36	154	301420	39.25	ng		99
52) 3-Nitroaniline	11.27	138	106635	45.91	ng	#	81
53) 2,4-Dinitrophenol	11.40	184	33146	38.87	ng	#	72
54) Dibenzofuran	11.58	168	445563	40.60	ng	#	89
55) 4-Nitrophenol	11.48	139	82462	44.41	ng	#	76
56) 2,4-Dinitrotoluene	11.56	165	110439	42.67	ng	#	77
57) Fluorene	12.00	166	360621	40.63	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.73	232	77856	39.38	ng	#	94
59) Diethylphthalate	11.86	149	393693	37.93	ng		99
60) 4-Chlorophenyl-phenylether	12.00	204	139686	36.60	ng		98
61) 4-Nitroaniline	12.02	138	105126	45.27	ng		83
62) Azobenzene	12.20	77	356296	39.02	ng		95
64) 4,6-Dinitro-2-methylphenol	12.06	198	49184	38.33	ng	#	58
65) n-Nitrosodiphenylamine	12.15	169	305472	38.07	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	90510	37.93	ng	#	73
67) Hexachlorobenzene	12.68	284	104247	38.46	ng		98
68) Atrazine	12.82	200	96831	38.89	ng		91
69) Pentachlorophenol	12.93	266	63936	37.59	ng		97
70) Phenanthrene	13.20	178	537525	40.26	ng		99
71) Anthracene	13.26	178	535331	38.79	ng		99
72) Carbazole	13.47	167	572572	42.41	ng		99
73) Di-n-butylphthalate	13.90	149	687090	36.84	ng		99
74) Fluoranthene	14.68	202	578299	40.44	ng		98
76) Benzidine	14.85	184	431714	51.06	ng		99
77) Pyrene	14.96	202	607689	39.32	ng		99
79) Butylbenzylphthalate	15.77	149	326853	37.65	ng		99
80) Benzo(a)anthracene	16.46	228	546181	39.10	ng		99
81) 3,3'-Dichlorobenzidine	16.43	252	207942	40.32	ng	#	94
82) Chrysene	16.51	228	472689	39.13	ng		99
83) Bis(2-ethylhexyl)phthalate	16.49	149	457212	33.44	ng		98
84) Di-n-octyl phthalate	17.29	149	835208	34.70	ng		98
85) Indeno(1,2,3-cd)pyrene	19.81	276	615298	41.98	ng	#	100
87) Benzo(b)fluoranthene	17.77	252	518602	36.74	ng	#	96
88) Benzo(k)fluoranthene	17.81	252	529502	41.80	ng	#	95
89) Benzo(a)pyrene	18.17	252	517650	40.99	ng	#	95
90) Dibenzo(a,h)anthracene	19.84	278	541520	41.06	ng		99
91) Benzo(g,h,i)perylene	20.29	276	531284	42.28	ng		96

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

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