Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083048.D
Acq On : 19 Nov 2015 20:38
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF111915

Quant Time: Nov 20 06:50:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150075	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	604640	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	289737	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	579068	20.00	ng		0.01
75) Chrysene-d12	13.86	240	488325	20.00	ng		0.00
86) Perylene-d12	15.24	264	394486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	698617	72.30	ng		0.00
7) Phenol-d6	6.36	99	1003188	78.83	ng		0.01
23) Nitrobenzene-d5	7.28	82	932863	70.63	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	220469	71.67	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1729619	80.40	ng		0.00
78) Terphenyl-d14	12.82	244	1668789	80.68	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	162381	37.06	ng		98
3) Pyridine	2.83	79	466484	39.28	ng		99
4) n-Nitrosodimethylamine	2.78	42	235845	39.26	ng		100
6) Aniline	6.36	93	666162	38.27	ng		98
8) 2-Chlorophenol	6.49	128	397085	36.85	ng		95
9) Benzaldehyde	6.25	77	256725	39.36	ng		87
10) Phenol	6.37	94	631443	42.58	ng		80
11) bis(2-Chloroethyl)ether	6.44	93	408219	37.89	ng		98
12) 1,3-Dichlorobenzene	6.65	146	489329	40.56	ng		96
13) 1,4-Dichlorobenzene	6.73	146	458639m	37.54	ng		
14) 1,2-Dichlorobenzene	6.88	146	434176	38.45	ng		98
15) Benzyl Alcohol	6.85	79	388249	37.08	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	669211	39.84	ng		96
17) 2-Methylphenol	6.98	107	333374	37.05	ng		99
18) Hexachloroethane	7.22	117	167711	37.35	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	381681	41.04	ng		91
20) 3+4-Methylphenols	7.14	107	451662	38.50	ng		97
22) Acetophenone	7.13	105	672330	39.69	ng	#	95
24) Nitrobenzene	7.30	77	541811	40.67	ng	#	84
25) Isophorone	7.54	82	922545	37.03	ng		98
26) 2-Nitrophenol	7.61	139	206151	35.38	ng		97
27) 2,4-Dimethylphenol	7.66	122	346674	36.01	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	551923	39.54	ng		99
29) 2,4-Dichlorophenol	7.86	162	334724	35.87	ng		95
30) 1,2,4-Trichlorobenzene	7.94	180	377789	36.55	ng		98
31) Naphthalene	8.02	128	1257366	39.91	ng		99
32) Benzoic acid	7.80	122	238916	40.80	ng		99
33) 4-Chloroaniline	8.08	127	512130	37.37	ng	#	85
34) Hexachlorobutadiene	8.14	225	246306	38.13	ng		98
35) Caprolactam	8.45	113	108601	36.60	ng		96
36) 4-Chloro-3-methylphenol	8.57	107	418460	38.79	ng		90
37) 2-Methylnaphthalene	8.70	142	745245	35.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	345115	36.12	ng		99
40) Hexachlorocyclopentadiene	8.86	237	182176	40.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	258642	37.31	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	275158	39.81	ng	#	95
45) 1,1'-Biphenyl	9.17	154	881015	34.56	ng		99
46) 2-Chloronaphthalene	9.20	162	747017	38.52	ng		98
47) 2-Nitroaniline	9.30	65	288097	39.38	ng	#	53
48) Acenaphthylene	9.61	152	1129502	35.38	ng		99
49) Dimethylphthalate	9.48	163	848769	35.59	ng		100
50) 2,6-Dinitrotoluene	9.54	165	183177	35.64	ng	#	73
51) Acenaphthene	9.78	154	731129	36.24	ng		99
52) 3-Nitroaniline	9.71	138	259181	44.19	ng		81
53) 2,4-Dinitrophenol	9.81	184	118453	45.22	ng	#	81
54) Dibenzofuran	9.95	168	946777	35.02	ng		99
55) 4-Nitrophenol	9.88	139	160490	39.87	ng	#	80
56) 2,4-Dinitrotoluene	9.94	165	242225	35.21	ng		89
57) Fluorene	10.29	166	761183	34.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	223055	39.92	ng		94
59) Diethylphthalate	10.18	149	850864	36.59	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	418620	41.09	ng		95
61) 4-Nitroaniline	10.32	138	226816	37.87	ng		93
62) Azobenzene	10.45	77	1065777	40.92	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	148127	40.12	ng	#	53
65) n-Nitrosodiphenylamine	10.41	169	698055	34.40	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	231581	34.53	ng		95
67) Hexachlorobenzene	10.84	284	251267	34.25	ng		96
68) Atrazine	10.94	200	242268	38.11	ng		98
69) Pentachlorophenol	11.04	266	146706	39.19	ng		97
70) Phenanthrene	11.25	178	1360127	38.93	ng		99
71) Anthracene	11.30	178	1164458	33.09	ng		100
72) Carbazole	11.46	167	1123587	36.52	ng		99
73) Di-n-butylphthalate	11.80	149	1343636	34.63	ng		100
74) Fluoranthene	12.43	202	1218910	33.48	ng		98
76) Benzidine	12.56	184	570734	35.72	ng		98
77) Pyrene	12.66	202	1200527	34.92	ng		99
79) Butylbenzylphthalate	13.29	149	574838	37.84	ng		97
80) Benzo(a)anthracene	13.85	228	1209177	38.96	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	357715	34.24	ng		98
82) Chrysene	13.88	228	967977	34.02	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	743030	37.41	ng		99
84) Di-n-octyl phthalate	14.47	149	1257966	38.87	ng		100
85) Indeno(1,2,3-cd)pyrene	16.55	276	899638	38.86	ng		100
87) Benzo(b)fluoranthene	14.85	252	1184230m	42.93	ng		
88) Benzo(k)fluoranthene	14.89	252	661316m	31.47	ng		
89) Benzo(a)pyrene	15.19	252	814173	36.78	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	747058	38.78	ng		97
91) Benzo(g,h,i)perylene	16.93	276	730918	38.90	ng		97

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

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