Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083505.D
Acq On : 5 Dec 2015 2:54
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF120415

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:51 PM

Quant Time: Dec 05 06:21:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	128295	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	509817	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	244137	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	460640	20.00	ng		0.00
75) Chrysene-d12	17.05	240	358546	20.00	ng		0.00
86) Perylene-d12	18.67	264	281217	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	725762	85.82	ng		0.00
7) Phenol-d6	5.32	99	967570	83.04	ng		0.00
23) Nitrobenzene-d5	6.60	82	909631	83.40	ng		0.00
41) 2,4,6-Tribromophenol	11.76	330	191634	85.09	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	1477769	82.10	ng		0.00
78) Terphenyl-d14	15.48	244	1348733	83.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	186376	42.02	ng		98
3) Pyridine	2.30	79	504960	47.71	ng		95
4) n-Nitrosodimethylamine	2.27	42	237673	44.58	ng		98
6) Aniline	5.32	93	634488	41.84	ng		97
8) 2-Chlorophenol	5.48	128	392138	41.70	ng		99
9) Benzaldehyde	5.16	77	285420	42.73	ng		98
10) Phenol	5.33	94	565268	41.49	ng		95
11) bis(2-Chloroethyl)ether	5.42	93	425490	42.13	ng		99
12) 1,3-Dichlorobenzene	5.69	146	438197	42.01	ng		99
13) 1,4-Dichlorobenzene	5.79	146	440147	41.32	ng		100
14) 1,2-Dichlorobenzene	6.01	146	408909	41.75	ng		100
15) Benzyl Alcohol	6.01	79	354958	43.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	775920	41.45	ng		98
17) 2-Methylphenol	6.19	107	324145	41.76	ng		95
18) Hexachloroethane	6.50	117	155541	41.84	ng		98
19) n-Nitroso-di-n-propylamine	6.40	70	322684	41.51	ng	#	91
20) 3+4-Methylphenols	6.43	107	429463	42.59	ng		100
22) Acetophenone	6.38	105	614558	41.85	ng		100
24) Nitrobenzene	6.62	77	488571	40.67	ng		99
25) Isophorone	7.00	82	874339	41.74	ng		99
26) 2-Nitrophenol	7.10	139	198009	41.78	ng		99
27) 2,4-Dimethylphenol	7.23	122	348885	41.66	ng		97
28) bis(2-Chloroethoxy)methane	7.36	93	485593	41.60	ng		98
29) 2,4-Dichlorophenol	7.49	162	321419	42.50	ng		94
30) 1,2,4-Trichlorobenzene	7.60	180	345819	41.36	ng		99
31) Naphthalene	7.71	128	1121570	41.33	ng		99
32) Benzoic acid	7.49	122	163245	35.47	ng		96
33) 4-Chloroaniline	7.82	127	432928	40.78	ng		99
34) Hexachlorobutadiene	7.92	225	200735	40.63	ng		99
35) Caprolactam	8.43	113	99707	41.45	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	357024	41.95	ng		99
37) 2-Methylnaphthalene	8.81	142	688967	41.06	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	335882	41.84	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	108346	40.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	212288	42.12	ng		99
43) 2,4,5-Trichlorophenol	9.37	196	216992	41.80	ng		97
45) 1,1'-Biphenyl	9.57	154	898747	41.43	ng		99
46) 2-Chloronaphthalene	9.58	162	683759	41.82	ng		99
47) 2-Nitroaniline	9.78	65	247377	42.48	ng		99
48) Acenaphthylene	10.24	152	1109658	41.45	ng		100
49) Dimethylphthalate	10.11	163	787595	40.99	ng		99
50) 2,6-Dinitrotoluene	10.19	165	169450	41.88	ng		97
51) Acenaphthene	10.52	154	639144	41.49	ng		99
52) 3-Nitroaniline	10.45	138	183032	41.96	ng		95
53) 2,4-Dinitrophenol	10.65	184	70873	38.37	ng		95
54) Dibenzofuran	10.80	168	887047	41.56	ng		95
55) 4-Nitrophenol	10.83	139	98509m	40.09	ng		
56) 2,4-Dinitrotoluene	10.84	165	228967	43.33	ng		96
57) Fluorene	11.36	166	773746	41.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	160847	41.42	ng	#	100
59) Diethylphthalate	11.25	149	755416	40.85	ng		99
60) 4-Chlorophenyl-phenylether	11.38	204	359640	40.42	ng		99
61) 4-Nitroaniline	11.45	138	176850	44.75	ng		89
62) Azobenzene	11.64	77	797146	40.40	ng		99
64) 4,6-Dinitro-2-methylphenol	11.50	198	120325	39.38	ng		98
65) n-Nitrosodiphenylamine	11.59	169	616820	40.45	ng		98
66) 4-Bromophenyl-phenylether	12.17	248	208005	41.32	ng		99
67) Hexachlorobenzene	12.24	284	221189	41.11	ng		98
68) Atrazine	12.50	200	185610	40.25	ng		99
69) Pentachlorophenol	12.59	266	90421	39.36	ng		98
70) Phenanthrene	12.90	178	1085974	40.50	ng		99
71) Anthracene	12.98	178	1117923	40.88	ng		100
72) Carbazole	13.28	167	962394	40.99	ng		99
73) Di-n-butylphthalate	13.91	149	1205724	42.64	ng		99
74) Fluoranthene	14.82	202	1081217	40.69	ng		99
76) Benzidine	15.08	184	538916	41.60	ng		96
77) Pyrene	15.17	202	1114061	41.54	ng		100
79) Butylbenzylphthalate	16.32	149	463454	43.94	ng		99
80) Benzo(a)anthracene	17.04	228	863058	41.14	ng		100
81) 3,3'-Dichlorobenzidine	17.03	252	279807	41.70	ng		100
82) Chrysene	17.08	228	857866	41.05	ng		99
83) Bis(2-ethylhexyl)phthalate	17.16	149	592785	42.83	ng		99
84) Di-n-octyl phthalate	17.92	149	844247	42.77	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.92	276	746420	41.67	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	646699m	40.95	ng		
88) Benzo(k)fluoranthene	18.32	252	679464m	42.00	ng		
89) Benzo(a)pyrene	18.61	252	636555	41.44	ng		97
90) Dibenzo(a,h)anthracene	19.93	278	632260	42.78	ng		99
91) Benzo(g,h,i)perylene	20.27	276	641247	43.05	ng		99

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

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