Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080924.D
Acq On : 7 Aug 2015 13:47
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF080715

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:18:28 PM

Quant Time: Aug 08 04:48:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54211	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	219520	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	107277	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	220695	20.00	ng		0.00
75) Chrysene-d12	13.96	240	196508	20.00	ng		0.00
86) Perylene-d12	15.36	264	182308	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	259854	78.32	ng		0.01
7) Phenol-d6	6.44	99	370145	81.41	ng		0.00
23) Nitrobenzene-d5	7.38	82	381884	82.29	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	99765	84.65	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	572976	75.19	ng		0.00
78) Terphenyl-d14	12.91	244	694395	72.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	62629	39.80	ng		99
3) Pyridine	3.02	79	174365	39.07	ng		97
4) n-Nitrosodimethylamine	2.97	42	92498	40.60	ng		98
6) Aniline	6.46	93	262603	39.31	ng		99
8) 2-Chlorophenol	6.59	128	157950	41.14	ng		98
9) Benzaldehyde	6.35	77	119526	39.00	ng		99
10) Phenol	6.45	94	238735	44.26	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	149007m	36.99	ng		
12) 1,3-Dichlorobenzene	6.75	146	166568	40.88	ng		99
13) 1,4-Dichlorobenzene	6.83	146	165838	39.17	ng		99
14) 1,2-Dichlorobenzene	6.98	146	155258	40.56	ng		99
15) Benzyl Alcohol	6.96	79	160614	43.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	302803	37.37	ng		99
17) 2-Methylphenol	7.07	107	131866	40.24	ng		97
18) Hexachloroethane	7.32	117	63385	39.07	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	129440	38.95	ng		99
20) 3+4-Methylphenols	7.22	107	151839	36.88	ng		97
22) Acetophenone	7.22	105	201668	37.49	ng		99
24) Nitrobenzene	7.39	77	169881	35.55	ng		99
25) Isophorone	7.64	82	355135	39.79	ng		99
26) 2-Nitrophenol	7.71	139	79600	39.59	ng		99
27) 2,4-Dimethylphenol	7.76	122	156639	41.61	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	184630	34.46	ng		98
29) 2,4-Dichlorophenol	7.95	162	120252	38.88	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	135691	40.13	ng		98
31) Naphthalene	8.12	128	471526	38.97	ng		99
32) Benzoic acid	7.87	122	96272	42.72	ng		92
33) 4-Chloroaniline	8.17	127	206834	42.06	ng		99
34) Hexachlorobutadiene	8.24	225	74289	36.93	ng		97
35) Caprolactam	8.54	113	45495	40.89	ng	#	69
36) 4-Chloro-3-methylphenol	8.65	107	146847	38.91	ng		100
37) 2-Methylnaphthalene	8.81	142	301379	39.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	127103	38.43	ng		98
40) Hexachlorocyclopentadiene	8.97	237	75912	42.07	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	87513	36.10	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	95908	39.27	ng		100
45) 1,1'-Biphenyl	9.28	154	375300	40.76	ng		99
46) 2-Chloronaphthalene	9.30	162	289067	40.27	ng		99
47) 2-Nitroaniline	9.39	65	123741	42.99	ng		99
48) Acenaphthylene	9.71	152	502311	40.25	ng		100
49) Dimethylphthalate	9.57	163	325202	36.49	ng		100
50) 2,6-Dinitrotoluene	9.63	165	67968	36.92	ng		98
51) Acenaphthene	9.88	154	313108	40.97	ng		99
52) 3-Nitroaniline	9.80	138	86421	38.08	ng		94
53) 2,4-Dinitrophenol	9.90	184	42836	41.50	ng		96
54) Dibenzofuran	10.05	168	419980	40.64	ng		99
55) 4-Nitrophenol	9.96	139	77622	45.69	ng		89
56) 2,4-Dinitrotoluene	10.03	165	97918	39.75	ng		96
57) Fluorene	10.40	166	344530	43.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	77654m	40.17	ng		
59) Diethylphthalate	10.27	149	359728	38.78	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	135701	34.84	ng		97
61) 4-Nitroaniline	10.42	138	103858	44.47	ng		90
62) Azobenzene	10.54	77	391173	37.71	ng		100
64) 4,6-Dinitro-2-methylphenol	10.44	198	59242	43.31	ng		89
65) n-Nitrosodiphenylamine	10.51	169	318644	41.56	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	93698	40.09	ng		98
67) Hexachlorobenzene	10.94	284	101094	38.90	ng		97
68) Atrazine	11.04	200	90172	40.11	ng		98
69) Pentachlorophenol	11.13	266	58636	38.80	ng		98
70) Phenanthrene	11.36	178	513531	41.09	ng		100
71) Anthracene	11.40	178	471221	38.09	ng		100
72) Carbazole	11.56	167	516924	42.91	ng		99
73) Di-n-butylphthalate	11.89	149	586184	38.92	ng		100
74) Fluoranthene	12.53	202	535287	39.62	ng		99
76) Benzidine	12.66	184	320819	36.11	ng		99
77) Pyrene	12.76	202	566495	39.02	ng		99
79) Butylbenzylphthalate	13.39	149	302596	43.24	ng		97
80) Benzo(a)anthracene	13.95	228	495986	39.96	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	203737	45.12	ng		99
82) Chrysene	13.99	228	486778	40.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	404924	41.58	ng		99
84) Di-n-octyl phthalate	14.56	149	696462	42.19	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	482405	42.65	ng		100
87) Benzo(b)fluoranthene	14.97	252	545168m	43.00	ng		
88) Benzo(k)fluoranthene	14.99	252	402867m	36.33	ng		
89) Benzo(a)pyrene	15.30	252	463902	42.58	ng	#	94
90) Dibenzo(a,h)anthracene	16.74	278	403153	41.83	ng		100
91) Benzo(g,h,i)perylene	17.13	276	387125	41.30	ng		100

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

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