Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083117.D
Acq On : 21 Nov 2015 18:05
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF112115

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:26 PM

Quant Time: Nov 22 09:26:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	188100	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	714831	20.00	ng		-0.01
38) Acenaphthene-d10	9.70	164	369488	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	677843	20.00	ng		0.00
75) Chrysene-d12	13.81	240	553570	20.00	ng		0.00
86) Perylene-d12	15.17	264	515149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	993649	79.86	ng		-0.01
7) Phenol-d6	6.33	99	1276328	79.29	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1208206	77.23	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	295286	78.12	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1874541	70.75	ng		0.00
78) Terphenyl-d14	12.75	244	1782431	75.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	223069	36.19	ng		97
3) Pyridine	2.98	79	674663	41.45	ng		96
4) n-Nitrosodimethylamine	2.79	42	316217	42.12	ng		96
6) Aniline	6.33	93	807082	41.02	ng		96
8) 2-Chlorophenol	6.46	128	542342	40.35	ng		87
9) Benzaldehyde	6.20	77	329410	41.17	ng		97
10) Phenol	6.35	94	735263	37.76	ng	#	72
11) bis(2-Chloroethyl)ether	6.41	93	594487	42.75	ng		94
12) 1,3-Dichlorobenzene	6.59	146	596541	38.87	ng		96
13) 1,4-Dichlorobenzene	6.67	146	620886	39.99	ng		98
14) 1,2-Dichlorobenzene	6.83	146	535832	37.97	ng		97
15) Benzyl Alcohol	6.83	79	548814	40.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	900727	41.54	ng		76
17) 2-Methylphenol	6.95	107	433474	38.97	ng		99
18) Hexachloroethane	7.16	117	213644	39.07	ng	#	78
19) n-Nitroso-di-n-propylamine	7.11	70	465213	41.53	ng	#	89
20) 3+4-Methylphenols	7.11	107	579293	41.20	ng		94
22) Acetophenone	7.10	105	823128	40.11	ng	#	91
24) Nitrobenzene	7.26	77	712570	42.63	ng		93
25) Isophorone	7.52	82	1209706	40.84	ng		98
26) 2-Nitrophenol	7.58	139	272974	36.99	ng	#	87
27) 2,4-Dimethylphenol	7.63	122	498443	42.32	ng		95
28) bis(2-Chloroethoxy)methane	7.71	93	665402	38.64	ng		98
29) 2,4-Dichlorophenol	7.83	162	445177	39.74	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	477992	38.85	ng		98
31) Naphthalene	7.96	128	1446924	37.51	ng		98
32) Benzoic acid	7.80	122	401673	43.88	ng		91
33) 4-Chloroaniline	8.03	127	618720	41.34	ng		94
34) Hexachlorobutadiene	8.09	225	290594	39.97	ng		99
35) Caprolactam	8.47	113	146036	40.68	ng	#	79
36) 4-Chloro-3-methylphenol	8.54	107	523143	40.32	ng		90
37) 2-Methylnaphthalene	8.66	142	1028372	41.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	441448	36.86	ng		99
40) Hexachlorocyclopentadiene	8.82	237	265388	38.97	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	323056	37.67	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	358226	40.85	ng	#	89
45) 1,1'-Biphenyl	9.13	154	1236827	39.33	ng		99
46) 2-Chloronaphthalene	9.14	162	912380	36.94	ng	#	92
47) 2-Nitroaniline	9.26	65	374889	42.90	ng		88
48) Acenaphthylene	9.56	152	1468115	38.35	ng		99
49) Dimethylphthalate	9.45	163	1124908	39.54	ng	#	98
50) 2,6-Dinitrotoluene	9.50	165	248809	38.98	ng		88
51) Acenaphthene	9.72	154	880269	37.79	ng		99
52) 3-Nitroaniline	9.67	138	255687	37.57	ng	#	67
53) 2,4-Dinitrophenol	9.77	184	150659	40.97	ng	#	80
54) Dibenzofuran	9.91	168	1249852	37.94	ng		95
55) 4-Nitrophenol	9.86	139	193793	37.14	ng	#	66
56) 2,4-Dinitrotoluene	9.90	165	326046	40.32	ng		95
57) Fluorene	10.24	166	970238	35.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	283581	39.42	ng		97
59) Diethylphthalate	10.14	149	1068886	37.75	ng		95
60) 4-Chlorophenyl-phenylether	10.24	204	482849	38.72	ng		95
61) 4-Nitroaniline	10.28	138	268803	40.12	ng		88
62) Azobenzene	10.40	77	1308785	40.50	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	208140	44.57	ng		79
65) n-Nitrosodiphenylamine	10.36	169	954883	41.42	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	293855	39.07	ng		89
67) Hexachlorobenzene	10.79	284	339625	41.00	ng		95
68) Atrazine	10.90	200	249494	37.27	ng		98
69) Pentachlorophenol	10.99	266	217111	40.24	ng		98
70) Phenanthrene	11.20	178	1580466	40.47	ng		99
71) Anthracene	11.24	178	1465616	36.78	ng		99
72) Carbazole	11.42	167	1383722	39.07	ng		98
73) Di-n-butylphthalate	11.76	149	1728285	39.98	ng	#	97
74) Fluoranthene	12.38	202	1539802	38.53	ng		99
76) Benzidine	12.51	184	699641	48.22	ng		97
77) Pyrene	12.61	202	1679548	44.41	ng		100
79) Butylbenzylphthalate	13.25	149	770066	43.02	ng	#	84
80) Benzo(a)anthracene	13.79	228	1444213	42.18	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	471039	39.53	ng	#	98
82) Chrysene	13.83	228	1424846	44.88	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	1041537	44.55	ng	#	96
84) Di-n-octyl phthalate	14.41	149	1703911	42.34	ng		99
85) Indeno(1,2,3-cd)pyrene	16.43	276	1195770	41.41	ng		99
87) Benzo(b)fluoranthene	14.79	252	1165039m	33.10	ng		
88) Benzo(k)fluoranthene	14.82	252	1222200m	46.60	ng		
89) Benzo(a)pyrene	15.11	252	1083900	37.30	ng	#	96
90) Dibenzo(a,h)anthracene	16.45	278	1010418	38.28	ng		97
91) Benzo(g,h,i)perylene	16.81	276	956561	37.12	ng		97

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

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