Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083887.D
Acq On : 17 Dec 2015 20:56
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF121815

Manual Integrations APPROVED
MMdadoda
12/18/2015 6:21:43 PM

Quant Time: Dec 18 01:32:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	51830	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	200098	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	96377	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	185868	20.00	ng		0.00
75) Chrysene-d12	14.03	240	165464	20.00	ng		0.00
86) Perylene-d12	15.47	264	127036	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	266110	80.35	ng		0.00
7) Phenol-d6	6.51	99	300404	74.10	ng		0.00
23) Nitrobenzene-d5	7.44	82	280773	80.08	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	90218	84.97	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	578813	84.21	ng		0.00
78) Terphenyl-d14	12.98	244	608105	86.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	53715	37.39	ng		98
3) Pyridine	3.21	79	125872	35.43	ng		98
4) n-Nitrosodimethylamine	3.15	42	56679	41.83	ng		97
6) Aniline	6.53	93	197650	37.86	ng		92
8) 2-Chlorophenol	6.66	128	154138	39.10	ng		99
9) Benzaldehyde	6.42	77	79350	32.49	ng		99
10) Phenol	6.52	94	162292	35.88	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	136607	39.75	ng		97
12) 1,3-Dichlorobenzene	6.82	146	170308	40.18	ng		99
13) 1,4-Dichlorobenzene	6.89	146	163735	37.83	ng		98
14) 1,2-Dichlorobenzene	7.05	146	166091	47.87	ng		100
15) Benzyl Alcohol	7.01	79	117725	38.37	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.15	45	139880	39.48	ng		99
17) 2-Methylphenol	7.14	107	122069	39.48	ng		99
18) Hexachloroethane	7.39	117	62156	39.14	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	90904	38.47	ng	#	83
20) 3+4-Methylphenols	7.29	107	141094	38.83	ng		97
22) Acetophenone	7.29	105	207878	43.15	ng		100
24) Nitrobenzene	7.46	77	159563	44.01	ng		98
25) Isophorone	7.70	82	264239	40.06	ng		99
26) 2-Nitrophenol	7.78	139	82721	44.07	ng		99
27) 2,4-Dimethylphenol	7.81	122	127389	39.40	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	143517	36.78	ng		99
29) 2,4-Dichlorophenol	8.02	162	124361	42.40	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	122404	38.86	ng		99
31) Naphthalene	8.18	128	419611	41.45	ng		99
32) Benzoic acid	7.94	122	62500	51.14	ng		94
33) 4-Chloroaniline	8.22	127	168639	37.13	ng		99
34) Hexachlorobutadiene	8.30	225	77151	39.22	ng		99
35) Caprolactam	8.60	113	38255	39.47	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	150194	45.38	ng		99
37) 2-Methylnaphthalene	8.88	142	283320	40.74	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	121260	39.90	ng		98
40) Hexachlorocyclopentadiene	9.04	237	32134	42.82	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	81409	40.57	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	82265	41.43	ng		98
45) 1,1'-Biphenyl	9.33	154	345990	42.69	ng		99
46) 2-Chloronaphthalene	9.36	162	262323	41.28	ng		99
47) 2-Nitroaniline	9.45	65	73667	38.65	ng		98
48) Acenaphthylene	9.78	152	459159	40.87	ng		99
49) Dimethylphthalate	9.64	163	341586	42.24	ng		99
50) 2,6-Dinitrotoluene	9.70	165	77247	43.79	ng		98
51) Acenaphthene	9.95	154	278064	40.25	ng		99
52) 3-Nitroaniline	9.86	138	73364	39.45	ng		98
53) 2,4-Dinitrophenol	9.97	184	24085	43.43	ng		98
54) Dibenzofuran	10.12	168	355529	39.63	ng		99
55) 4-Nitrophenol	10.03	139	55758	48.03	ng		98
56) 2,4-Dinitrotoluene	10.10	165	97773	43.24	ng		95
57) Fluorene	10.46	166	304249	44.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	64885	44.17	ng		95
59) Diethylphthalate	10.34	149	344996	41.26	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	143874	41.84	ng		99
61) 4-Nitroaniline	10.48	138	74277	38.61	ng		98
62) Azobenzene	10.61	77	299865	42.79	ng		99
64) 4,6-Dinitro-2-methylphenol	10.51	198	48553	42.96	ng		96
65) n-Nitrosodiphenylamine	10.57	169	253836	37.53	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	86923	38.25	ng		97
67) Hexachlorobenzene	11.01	284	98390	41.12	ng		97
68) Atrazine	11.09	200	74731	34.88	ng		98
69) Pentachlorophenol	11.21	266	37492	39.47	ng		98
70) Phenanthrene	11.42	178	420097	37.41	ng		99
71) Anthracene	11.47	178	435688	40.14	ng		100
72) Carbazole	11.62	167	392651	36.61	ng		100
73) Di-n-butylphthalate	11.96	149	513336	40.73	ng		100
74) Fluoranthene	12.60	202	430247	38.39	ng		99
76) Benzidine	12.72	184	225811	34.08	ng		97
77) Pyrene	12.83	202	448007	42.76	ng		100
79) Butylbenzylphthalate	13.45	149	215852	39.19	ng		99
80) Benzo(a)anthracene	14.02	228	380155	37.37	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	140400	36.92	ng	#	95
82) Chrysene	14.05	228	364252	37.06	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	281860	38.33	ng		99
84) Di-n-octyl phthalate	14.63	149	467220	40.60	ng		100
85) Indeno(1,2,3-cd)pyrene	16.90	276	305016	41.51	ng		99
87) Benzo(b)fluoranthene	15.06	252	370966	40.05	ng		99
88) Benzo(k)fluoranthene	15.08	252	302725m	39.62	ng		
89) Benzo(a)pyrene	15.41	252	310883	40.65	ng		100
90) Dibenzo(a,h)anthracene	16.90	278	254366	42.75	ng		99
91) Benzo(g,h,i)perylene	17.32	276	250454	42.95	ng		99

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

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