Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083953.D
Acq On : 19 Dec 2015 14:39
Operator : UM/SJ
Sample : PB87185BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87185BS

Manual Integrations APPROVED
apatel
12/22/2015 12:00:08 PM

Quant Time: Dec 21 03:11:09 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 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	57932	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	223815	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	111649	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	206234	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	169462	20.00	ng		-0.02
86) Perylene-d12	15.44	264	120408	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	389813	105.30	ng		-0.01
7) Phenol-d6	6.50	99	476706	105.21	ng		-0.01
23) Nitrobenzene-d5	7.41	82	305306	77.85	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	154419	125.54	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	662882	83.07	ng		-0.03
78) Terphenyl-d14	12.96	244	677184	94.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	45141	28.11	ng		97
3) Pyridine	3.24	79	135162	34.04	ng		100
4) n-Nitrosodimethylamine	3.20	42	58613	38.70	ng		99
6) Aniline	6.51	93	125759	21.55	ng	#	19
8) 2-Chlorophenol	6.64	128	161733	36.71	ng		94
9) Benzaldehyde	6.40	77	47009	17.22	ng		96
10) Phenol	6.51	94	167579	33.15	ng		80
11) bis(2-Chloroethyl)ether	6.59	93	145965	38.00	ng		99
12) 1,3-Dichlorobenzene	6.80	146	167382	35.33	ng		96
13) 1,4-Dichlorobenzene	6.86	146	172646	35.69	ng		96
14) 1,2-Dichlorobenzene	7.02	146	170018	43.50	ng		96
15) Benzyl Alcohol	7.00	79	143937	41.98	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	143204	36.16	ng		72
17) 2-Methylphenol	7.12	107	129573	37.49	ng		93
18) Hexachloroethane	7.37	117	64853	36.54	ng	#	88
19) n-Nitroso-di-n-propylamine	7.26	70	101042	38.25	ng	#	86
20) 3+4-Methylphenols	7.28	107	170672	42.03	ng	#	49
22) Acetophenone	7.26	105	223479	41.47	ng	#	95
24) Nitrobenzene	7.44	77	170965	42.16	ng		95
25) Isophorone	7.68	82	291555	39.51	ng		98
26) 2-Nitrophenol	7.76	139	89956	42.85	ng		97
27) 2,4-Dimethylphenol	7.80	122	160998	44.52	ng		93
28) bis(2-Chloroethoxy)methane	7.88	93	168553	38.62	ng		99
29) 2,4-Dichlorophenol	8.00	162	132710	40.45	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	135782	38.54	ng		97
31) Naphthalene	8.16	128	464996	41.05	ng		100
32) Benzoic acid	7.93	122	70634	51.52	ng		98
33) 4-Chloroaniline	8.20	127	81954	16.13	ng		97
34) Hexachlorobutadiene	8.28	225	84353	38.34	ng		99
35) Caprolactam	8.58	113	44237m	40.81	ng		
36) 4-Chloro-3-methylphenol	8.70	107	169116	45.70	ng		99
37) 2-Methylnaphthalene	8.85	142	334780	43.04	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	129737	36.85	ng		99
40) Hexachlorocyclopentadiene	9.00	237	77292	67.32	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	87345	37.58	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	93579	40.68	ng	#	81
45) 1,1'-Biphenyl	9.31	154	383470	40.77	ng		99
46) 2-Chloronaphthalene	9.33	162	282666	38.27	ng		99
47) 2-Nitroaniline	9.44	65	92323	41.81	ng	#	65
48) Acenaphthylene	9.76	152	507312	38.98	ng		99
49) Dimethylphthalate	9.62	163	393661	42.02	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	83412	40.82	ng	#	78
51) Acenaphthene	9.93	154	335121	41.87	ng		100
52) 3-Nitroaniline	9.85	138	48579	22.55	ng	#	69
53) 2,4-Dinitrophenol	9.96	184	58791	80.11	ng	#	85
54) Dibenzofuran	10.10	168	450751	43.37	ng		99
55) 4-Nitrophenol	10.02	139	99314	73.85	ng	#	77
56) 2,4-Dinitrotoluene	10.09	165	111245	42.47	ng	#	77
57) Fluorene	10.44	166	343064	43.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	73668	43.29	ng		96
59) Diethylphthalate	10.32	149	397626	41.05	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	160964	40.41	ng		96
61) 4-Nitroaniline	10.46	138	79101	35.49	ng		85
62) Azobenzene	10.59	77	361473	44.52	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	48393	38.99	ng	#	60
65) n-Nitrosodiphenylamine	10.54	169	288909	38.50	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	94522	37.49	ng		97
67) Hexachlorobenzene	10.99	284	109881	41.39	ng		95
68) Atrazine	11.08	200	99037	41.66	ng		92
69) Pentachlorophenol	11.18	266	92461	81.95	ng		97
70) Phenanthrene	11.40	178	505910	40.60	ng		100
71) Anthracene	11.45	178	471016	39.11	ng		100
72) Carbazole	11.61	167	473055	39.75	ng		98
73) Di-n-butylphthalate	11.94	149	620707	44.39	ng		100
74) Fluoranthene	12.58	202	471219	37.90	ng		99
76) Benzidine	12.69	184	147742	21.77	ng		99
77) Pyrene	12.81	202	480510	44.55	ng		99
79) Butylbenzylphthalate	13.43	149	248876	44.12	ng		97
80) Benzo(a)anthracene	14.00	228	405528	38.92	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	88217	22.65	ng	#	96
82) Chrysene	14.03	228	351509	34.92	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	337660	44.83	ng		100
84) Di-n-octyl phthalate	14.59	149	564482	47.89	ng		100
85) Indeno(1,2,3-cd)pyrene	16.85	276	325222	43.21	ng		100
87) Benzo(b)fluoranthene	15.03	252	427104m	48.65	ng		
88) Benzo(k)fluoranthene	15.06	252	249624m	34.47	ng		
89) Benzo(a)pyrene	15.38	252	306880	42.33	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	273814	48.55	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	271873	49.19	ng		99

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

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