Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083246.D
Acq On : 24 Nov 2015 19:43
Operator : UM/IZ
Sample : PB86825BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86825BS

Manual Integrations APPROVED
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11/25/2015 12:54:32 PM

Quant Time: Nov 25 01:25:17 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	6.60	152	168665	20.00	ng		-0.06
21) Naphthalene-d8	7.90	136	649768	20.00	ng		-0.06
38) Acenaphthene-d10	9.66	164	331371	20.00	ng		-0.05
63) Phenanthrene-d10	11.13	188	639339	20.00	ng		-0.05
75) Chrysene-d12	13.76	240	536699	20.00	ng		-0.05
86) Perylene-d12	15.11	264	427319	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1277887	114.55	ng		-0.07
7) Phenol-d6	6.28	99	1746099	120.97	ng		-0.06
23) Nitrobenzene-d5	7.19	82	1137483	79.99	ng		-0.05
41) 2,4,6-Tribromophenol	10.44	330	397244	117.18	ng		-0.05
44) 2-Fluorobiphenyl	8.98	172	1676914	70.57	ng		-0.05
78) Terphenyl-d14	12.71	244	1735326	76.14	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	160995	29.13	ng	#	83
3) Pyridine	2.76	79	524262m	35.92	ng		
4) n-Nitrosodimethylamine	2.71	42	262695	39.02	ng		86
6) Aniline	6.27	93	416187	23.59	ng		92
8) 2-Chlorophenol	6.40	128	445200	36.94	ng		96
9) Benzaldehyde	6.15	77	266515	35.70	ng		93
10) Phenol	6.30	94	683498	39.14	ng	#	74
11) bis(2-Chloroethyl)ether	6.35	93	487156	39.07	ng		94
12) 1,3-Dichlorobenzene	6.55	146	479959	34.87	ng		97
13) 1,4-Dichlorobenzene	6.63	146	497855	35.76	ng		97
14) 1,2-Dichlorobenzene	6.79	146	431982	34.14	ng		95
15) Benzyl Alcohol	6.78	79	454153	37.65	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	839123	43.16	ng		90
17) 2-Methylphenol	6.90	107	385992	38.70	ng		96
18) Hexachloroethane	7.12	117	173015	35.28	ng	#	80
19) n-Nitroso-di-n-propylamine	7.04	70	360200	35.86	ng		97
20) 3+4-Methylphenols	7.06	107	521409	41.35	ng		97
22) Acetophenone	7.03	105	636537	34.12	ng	#	97
24) Nitrobenzene	7.20	77	526711	34.67	ng		99
25) Isophorone	7.45	82	969120	35.99	ng		97
26) 2-Nitrophenol	7.52	139	224539	33.47	ng	#	84
27) 2,4-Dimethylphenol	7.59	122	403558	37.70	ng		90
28) bis(2-Chloroethoxy)methane	7.67	93	609864	38.96	ng		100
29) 2,4-Dichlorophenol	7.77	162	376354	36.96	ng		93
30) 1,2,4-Trichlorobenzene	7.85	180	391452	35.00	ng		97
31) Naphthalene	7.92	128	1235813	35.24	ng		100
32) Benzoic acid	7.72	122	250962	30.16	ng		95
33) 4-Chloroaniline	7.99	127	171710	12.62	ng	#	89
34) Hexachlorobutadiene	8.04	225	219234	33.17	ng		100
35) Caprolactam	8.35	113	123144m	37.74	ng		
36) 4-Chloro-3-methylphenol	8.49	107	441362	37.42	ng		93
37) 2-Methylnaphthalene	8.62	142	858335	37.71	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	366307	34.11	ng		99
40) Hexachlorocyclopentadiene	8.78	237	411694	67.41	ng		100

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Quant Time: Nov 25 01:25:17 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)
42) 2,4,6-Trichlorophenol	8.90	196	265966	34.58	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	297021	37.77	ng	#	87
45) 1,1'-Biphenyl	9.08	154	1007391	35.72	ng		100
46) 2-Chloronaphthalene	9.10	162	755863	34.12	ng	#	93
47) 2-Nitroaniline	9.21	65	318768	40.68	ng	#	78
48) Acenaphthylene	9.51	152	1242455	36.19	ng		99
49) Dimethylphthalate	9.39	163	951869	37.31	ng		99
50) 2,6-Dinitrotoluene	9.45	165	223348	39.02	ng	#	80
51) Acenaphthene	9.68	154	733924	35.13	ng		98
52) 3-Nitroaniline	9.62	138	115913	18.99	ng		91
53) 2,4-Dinitrophenol	9.72	184	240228	72.84	ng		93
54) Dibenzofuran	9.86	168	1148168	38.86	ng		95
55) 4-Nitrophenol	9.82	139	337444	72.10	ng	#	70
56) 2,4-Dinitrotoluene	9.85	165	278035	38.33	ng		95
57) Fluorene	10.19	166	852897	34.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	242415	37.57	ng		94
59) Diethylphthalate	10.09	149	960407	37.82	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	411437	36.79	ng		94
61) 4-Nitroaniline	10.24	138	225991	37.61	ng		94
62) Azobenzene	10.35	77	1177926	40.64	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	168053	38.15	ng		89
65) n-Nitrosodiphenylamine	10.32	169	829393	38.14	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	256767	36.19	ng		91
67) Hexachlorobenzene	10.74	284	274005	35.07	ng		96
68) Atrazine	10.86	200	267596	42.38	ng		94
69) Pentachlorophenol	10.95	266	342469	67.30	ng		99
70) Phenanthrene	11.15	178	1411166	38.31	ng		100
71) Anthracene	11.20	178	1357738	36.13	ng		100
72) Carbazole	11.36	167	1208248	36.17	ng		98
73) Di-n-butylphthalate	11.70	149	1393808	34.19	ng		99
74) Fluoranthene	12.33	202	1373944	36.45	ng		99
76) Benzidine	12.47	184	464630	33.03	ng		99
77) Pyrene	12.56	202	1509694	41.17	ng		99
79) Butylbenzylphthalate	13.20	149	648215	37.35	ng	#	85
80) Benzo(a)anthracene	13.75	228	1261081	37.99	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	249946	21.64	ng	#	96
82) Chrysene	13.78	228	1194855	38.82	ng		100
83) Bis(2-ethylhexyl)phthalate	13.76	149	824130	36.36	ng		97
84) Di-n-octyl phthalate	14.37	149	1228484	31.49	ng		95
85) Indeno(1,2,3-cd)pyrene	16.35	276	942518	33.66	ng		96
87) Benzo(b)fluoranthene	14.74	252	924630m	31.67	ng		
88) Benzo(k)fluoranthene	14.77	252	913493m	41.99	ng		
89) Benzo(a)pyrene	15.06	252	896472	37.19	ng		99
90) Dibenzo(a,h)anthracene	16.37	278	786729	35.93	ng	#	96
91) Benzo(g,h,i)perylene	16.72	276	810112	37.90	ng	#	93

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

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