Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077339.D
Acq On : 18 Feb 2015 3:37
Operator : TP/IZ
Sample : PB81762BS
Misc : W
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81762BS

Manual Integrations APPROVED
apatel
2/18/2015 4:28:52 PM

Quant Time: Feb 18 12:01:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	51247	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	210688	20.00	ng		0.00
38) Acenaphthene-d10	11.13	164	100729	20.00	ng		-0.01
63) Phenanthrene-d10	12.98	188	207084	20.00	ng		0.00
75) Chrysene-d12	16.27	240	213431	20.00	ng		0.00
86) Perylene-d12	18.00	264	209411	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	369076	123.08	ng		0.01
7) Phenol-d6	6.92	99	464936	118.69	ng		0.00
23) Nitrobenzene-d5	8.06	82	244177	80.26	ng		0.00
41) 2,4,6-Tribromophenol	12.11	330	125756	133.99	ng		0.00
44) 2-Fluorobiphenyl	10.30	172	600700	89.90	ng		0.00
78) Terphenyl-d14	14.98	244	754897	80.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	41991	31.95	ng		90
3) Pyridine	3.14	79	128589	37.06	ng		93
4) n-Nitrosodimethylamine	3.06	42	55765	33.59	ng		95
6) Aniline	6.97	93	123770	22.38	ng		99
8) 2-Chlorophenol	7.10	128	133321	37.93	ng		99
9) Benzaldehyde	6.82	77	5654	2.42	ng		81
10) Phenol	6.93	94	159825	35.12	ng		99
11) bis(2-Chloroethyl)ether	7.06	93	121748	35.67	ng		99
12) 1,3-Dichlorobenzene	7.30	146	140818	35.52	ng		99
13) 1,4-Dichlorobenzene	7.40	146	143836	35.19	ng		99
14) 1,2-Dichlorobenzene	7.58	146	137287	34.82	ng		97
15) Benzyl Alcohol	7.55	79	110929	37.37	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.73	45	180823	35.20	ng		99
17) 2-Methylphenol	7.69	107	103095	36.80	ng		98
18) Hexachloroethane	8.01	117	47032	35.31	ng		96
19) n-Nitroso-di-n-propylamine	7.89	70	92818	34.10	ng		94
20) 3+4-Methylphenols	7.88	107	138908	38.09	ng		98
22) Acetophenone	7.88	105	186830	37.69	ng	#	98
24) Nitrobenzene	8.09	77	129283	39.43	ng		98
25) Isophorone	8.38	82	244922	35.72	ng		99
26) 2-Nitrophenol	8.49	139	39019	39.71	ng		94
27) 2,4-Dimethylphenol	8.53	122	118266	37.86	ng		99
28) bis(2-Chloroethoxy)methane	8.67	93	160427	36.36	ng		100
29) 2,4-Dichlorophenol	8.77	162	104511	38.93	ng		100
30) 1,2,4-Trichlorobenzene	8.89	180	122354	35.90	ng		98
31) Naphthalene	8.98	128	382145	36.25	ng		99
32) Benzoic acid	8.62	122	34171	42.24	ng		95
33) 4-Chloroaniline	9.05	127	70622	15.67	ng		98
34) Hexachlorobutadiene	9.14	225	68627	36.83	ng		98
35) Caprolactam	9.47	113	32818	39.73	ng		92
36) 4-Chloro-3-methylphenol	9.65	107	109071	36.93	ng	#	71
37) 2-Methylnaphthalene	9.85	142	273698	36.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	116470	40.04	ng		99
40) Hexachlorocyclopentadiene	10.03	237	117010	80.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	75806	46.52	ng		99
43) 2,4,5-Trichlorophenol	10.22	196	77870	44.69	ng	#	96
45) 1,1'-Biphenyl	10.42	154	325581	40.54	ng		99
46) 2-Chloronaphthalene	10.44	162	244198	40.93	ng		99
47) 2-Nitroaniline	10.57	65	56932	44.86	ng		98
48) Acenaphthylene	10.96	152	415367	42.22	ng		99
49) Dimethylphthalate	10.81	163	296578	42.79	ng		100
50) 2,6-Dinitrotoluene	10.88	165	55189	43.28	ng		96
51) Acenaphthene	11.17	154	257046	44.02	ng		99
52) 3-Nitroaniline	11.08	138	45468	30.38	ng		85
53) 2,4-Dinitrophenol	11.21	184	20593	104.21	ng		94
54) Dibenzofuran	11.39	168	363639	41.06	ng		98
55) 4-Nitrophenol	11.28	139	92850	89.28	ng		88
56) 2,4-Dinitrotoluene	11.38	165	73458	45.90	ng		98
57) Fluorene	11.81	166	292063	42.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	60899	43.03	ng		98
59) Diethylphthalate	11.69	149	313091	43.39	ng		99
60) 4-Chlorophenyl-phenylether	11.82	204	139433	41.25	ng		98
61) 4-Nitroaniline	11.84	138	62488	42.49	ng		94
62) Azobenzene	12.02	77	295323	41.31	ng		98
64) 4,6-Dinitro-2-methylphenol	11.87	198	15027	41.02	ng		90
65) n-Nitrosodiphenylamine	11.96	169	245954	36.41	ng		99
66) 4-Bromophenyl-phenylether	12.43	248	87034	37.70	ng		96
67) Hexachlorobenzene	12.49	284	98328	37.54	ng		99
68) Atrazine	12.64	200	79391	39.32	ng		97
69) Pentachlorophenol	12.74	266	87814	94.18	ng		98
70) Phenanthrene	13.01	178	452875	37.63	ng		99
71) Anthracene	13.07	178	450251	37.63	ng		100
72) Carbazole	13.28	167	413064	39.26	ng		99
73) Di-n-butylphthalate	13.72	149	509336	39.33	ng		100
74) Fluoranthene	14.49	202	478586	39.39	ng		99
76) Benzidine	14.66	184	212475	32.41	ng		99
77) Pyrene	14.77	202	516707	39.16	ng		99
79) Butylbenzylphthalate	15.60	149	212159	40.41	ng		96
80) Benzo(a)anthracene	16.26	228	473374	38.08	ng		99
81) 3,3'-Dichlorobenzidine	16.24	252	113005	27.52	ng		99
82) Chrysene	16.31	228	462591	39.36	ng		99
83) Bis(2-ethylhexyl)phthalate	16.32	149	352984	40.09	ng	#	99
84) Di-n-octyl phthalate	17.09	149	600981	42.38	ng		97
85) Indeno(1,2,3-cd)pyrene	19.52	276	577007	42.99	ng		99
87) Benzo(b)fluoranthene	17.54	252	530869	39.44	ng	#	95
88) Benzo(k)fluoranthene	17.57	252	423680m	38.10	ng		
89) Benzo(a)pyrene	17.93	252	459708	39.23	ng	#	96
90) Dibenzo(a,h)anthracene	19.55	278	482901	40.50	ng		98
91) Benzo(g,h,i)perylene	19.97	276	478902	40.39	ng		96

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

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