Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077349.D
Acq On : 18 Feb 2015 8:22
Operator : TP/IZ
Sample : G1300-01MS
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-04-005-AMS

Manual Integrations APPROVED
apatel
2/18/2015 4:29:00 PM

Quant Time: Feb 18 12:31:40 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	57048	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	227032	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	103937	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	215682	20.00	ng		0.00
75) Chrysene-d12	16.28	240	222582	20.00	ng		0.01
86) Perylene-d12	18.07	264	229471	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	345280	103.43	ng		0.01
7) Phenol-d6	6.92	99	432768	99.24	ng		0.00
23) Nitrobenzene-d5	8.06	82	235437	71.81	ng		0.00
41) 2,4,6-Tribromophenol	12.11	330	111870	115.69	ng		0.00
44) 2-Fluorobiphenyl	10.31	172	532321	77.21	ng		0.00
78) Terphenyl-d14	14.98	244	623693	63.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	38310	26.18	ng		99
3) Pyridine	3.14	79	107398	27.81	ng		97
4) n-Nitrosodimethylamine	3.06	42	56815	30.74	ng	#	89
6) Aniline	6.97	93	41617	6.76	ng		98
8) 2-Chlorophenol	7.10	128	127487	32.58	ng		98
9) Benzaldehyde	6.82	77	5397	2.16	ng		83
10) Phenol	6.93	94	155069	30.61	ng		96
11) bis(2-Chloroethyl)ether	7.06	93	118570	31.21	ng		100
12) 1,3-Dichlorobenzene	7.30	146	134230	30.41	ng		100
13) 1,4-Dichlorobenzene	7.40	146	137726	30.27	ng		100
14) 1,2-Dichlorobenzene	7.58	146	132227	30.13	ng		98
15) Benzyl Alcohol	7.55	79	104081	31.50	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.73	45	177107	30.97	ng		100
17) 2-Methylphenol	7.69	107	96050	30.80	ng		99
18) Hexachloroethane	8.01	117	46076	31.07	ng		98
19) n-Nitroso-di-n-propylamine	7.89	70	89967	29.69	ng		95
20) 3+4-Methylphenols	7.88	107	125768	30.98	ng		95
22) Acetophenone	7.88	105	182322	34.13	ng	#	97
24) Nitrobenzene	8.09	77	122826	34.76	ng		97
25) Isophorone	8.38	82	235991	31.94	ng		100
26) 2-Nitrophenol	8.49	139	38523	36.60	ng		97
27) 2,4-Dimethylphenol	8.54	122	110370	32.79	ng		93
28) bis(2-Chloroethoxy)methane	8.67	93	157035	33.03	ng		100
29) 2,4-Dichlorophenol	8.77	162	95978	33.18	ng		97
30) 1,2,4-Trichlorobenzene	8.89	180	119368	32.50	ng		100
31) Naphthalene	8.98	128	370954	32.66	ng		99
32) Benzoic acid	8.59	122	7083	10.73	ng		97
33) 4-Chloroaniline	9.05	127	29427	6.06	ng		94
34) Hexachlorobutadiene	9.14	225	66598	33.17	ng		99
35) Caprolactam	9.47	113	30353	34.10	ng	#	72
36) 4-Chloro-3-methylphenol	9.65	107	101129	31.78	ng	#	75
37) 2-Methylnaphthalene	9.85	142	257353	31.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	109770	36.57	ng		99
40) Hexachlorocyclopentadiene	10.03	237	69237	46.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	68882	40.97	ng		99
43) 2,4,5-Trichlorophenol	10.24	196	70037	38.96	ng	#	83
45) 1,1'-Biphenyl	10.42	154	304731	36.77	ng		100
46) 2-Chloronaphthalene	10.44	162	225794	36.68	ng		99
47) 2-Nitroaniline	10.57	65	49455	37.95	ng		99
48) Acenaphthylene	10.96	152	372901	36.74	ng		99
49) Dimethylphthalate	10.81	163	299221	41.83	ng		99
50) 2,6-Dinitrotoluene	10.88	165	48401	37.05	ng		97
51) Acenaphthene	11.17	154	228730	37.96	ng		100
52) 3-Nitroaniline	11.08	138	26479	17.10	ng		88
53) 2,4-Dinitrophenol	11.21	184	10430	53.42	ng		91
54) Dibenzofuran	11.39	168	329686	36.08	ng		99
55) 4-Nitrophenol	11.28	139	78725	73.47	ng		85
56) 2,4-Dinitrotoluene	11.38	165	64318	39.40	ng		99
57) Fluorene	11.81	166	266032	37.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	56657	38.94	ng		98
59) Diethylphthalate	11.69	149	285073	38.28	ng		99
60) 4-Chlorophenyl-phenylether	11.83	204	127748	36.62	ng		98
61) 4-Nitroaniline	11.84	138	46611	31.18	ng		93
62) Azobenzene	12.02	77	287420	38.97	ng		99
64) 4,6-Dinitro-2-methylphenol	11.87	198	10354	29.32	ng		95
65) n-Nitrosodiphenylamine	11.97	169	222983	31.70	ng		100
66) 4-Bromophenyl-phenylether	12.43	248	77766	32.34	ng		96
67) Hexachlorobenzene	12.49	284	84766	31.08	ng		98
68) Atrazine	12.64	200	70121	33.35	ng		98
69) Pentachlorophenol	12.74	266	75174	77.41	ng		99
70) Phenanthrene	13.01	178	407447	32.51	ng		99
71) Anthracene	13.07	178	396773	31.84	ng		99
72) Carbazole	13.28	167	365615	33.37	ng		100
73) Di-n-butylphthalate	13.72	149	463576	34.37	ng		99
74) Fluoranthene	14.49	202	457236	36.13	ng		100
76) Benzidine	14.66	184	126512	18.50	ng		99
77) Pyrene	14.77	202	474206	34.46	ng		99
79) Butylbenzylphthalate	15.60	149	197418	36.13	ng		99
80) Benzo(a)anthracene	16.27	228	458252	35.35	ng		99
81) 3,3'-Dichlorobenzidine	16.25	252	89397	20.88	ng	#	97
82) Chrysene	16.32	228	423642	34.56	ng		100
83) Bis(2-ethylhexyl)phthalate	16.33	149	315720	34.32	ng	#	98
84) Di-n-octyl phthalate	17.13	149	541617	36.79	ng		97
85) Indeno(1,2,3-cd)pyrene	19.60	276	548506m	39.19	ng		
87) Benzo(b)fluoranthene	17.60	252	516644	35.02	ng	#	96
88) Benzo(k)fluoranthene	17.63	252	364953m	29.95	ng		
89) Benzo(a)pyrene	18.00	252	432559	33.69	ng	#	98
90) Dibenzo(a,h)anthracene	19.63	278	438171	33.53	ng		98
91) Benzo(g,h,i)perylene	20.05	276	450023	34.64	ng		96

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

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