Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079625.D
Acq On : 31 May 2015 3:52
Operator : TP/IZ
Sample : G2309-06MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX4MS

Manual Integrations APPROVED
apatel
6/1/2015 8:47:53 PM

Quant Time: Jun 01 03:39:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 03:28:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	76836	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	314607	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	152615	20.00	ng		0.00
63) Phenanthrene-d10	12.51	188	293368	20.00	ng		0.00
75) Chrysene-d12	15.78	240	301604	20.00	ng		-0.01
86) Perylene-d12	17.51	264	298500	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	228832	51.66	ng		0.01
7) Phenol-d6	6.54	99	191572	33.93	ng		0.00
23) Nitrobenzene-d5	7.63	82	373859	68.69	ng		0.00
41) 2,4,6-Tribromophenol	11.66	330	202453	120.78	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	772980	72.26	ng		0.00
78) Terphenyl-d14	14.50	244	835821	65.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	23914	11.35	ng	#	100
3) Pyridine	2.42	79	47584	10.25	ng		100
4) n-Nitrosodimethylamine	2.33	42	28543	12.49	ng		93
6) Aniline	6.52	93	99231	12.38	ng		94
8) 2-Chlorophenol	6.67	128	154174	29.90	ng		99
9) Benzaldehyde	6.39	77	23040	5.17	ng	#	82
10) Phenol	6.56	94	74715	11.24	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	186398	38.76	ng		89
12) 1,3-Dichlorobenzene	6.86	146	179325	31.39	ng		94
13) 1,4-Dichlorobenzene	6.96	146	184609	31.68	ng		97
14) 1,2-Dichlorobenzene	7.14	146	175277	32.38	ng		97
15) Benzyl Alcohol	7.14	79	101609	24.49	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.31	45	256330	36.42	ng		94
17) 2-Methylphenol	7.30	107	100488	24.80	ng		94
18) Hexachloroethane	7.55	117	55763	27.80	ng	#	80
19) n-Nitroso-di-n-propylamine	7.47	70	137844	34.70	ng	#	86
20) 3+4-Methylphenols	7.50	107	120905	21.72	ng		92
22) Acetophenone	7.45	105	278754	39.55	ng	#	98
24) Nitrobenzene	7.66	77	188275	35.10	ng		96
25) Isophorone	7.96	82	359875	36.28	ng		99
26) 2-Nitrophenol	8.06	139	88231	34.74	ng		98
27) 2,4-Dimethylphenol	8.14	122	156090	34.19	ng		98
28) bis(2-Chloroethoxy)methane	8.25	93	233586	37.99	ng		99
29) 2,4-Dichlorophenol	8.36	162	155616	37.21	ng		98
30) 1,2,4-Trichlorobenzene	8.44	180	151785	34.99	ng		98
31) Naphthalene	8.54	128	834925	55.30	ng		99
32) Benzoic acid	8.26	122	35759	12.62	ng		98
33) 4-Chloroaniline	8.63	127	136288	21.61	ng		99
34) Hexachlorobutadiene	8.70	225	82857	33.58	ng		97
35) Caprolactam	9.06	113	8656	6.56	ng	#	80
36) 4-Chloro-3-methylphenol	9.24	107	143890	33.17	ng		97
37) 2-Methylnaphthalene	9.39	142	435272	41.52	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	153242	35.90	ng	#	100
40) Hexachlorocyclopentadiene	9.59	237	14086	21.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	109826	36.84	ng		99
43) 2,4,5-Trichlorophenol	9.82	196	111979	37.74	ng		97
45) 1,1'-Biphenyl	9.98	154	440307	36.94	ng		97
46) 2-Chloronaphthalene	10.00	162	349448	37.12	ng		95
47) 2-Nitroaniline	10.14	65	104023	37.16	ng	#	80
48) Acenaphthylene	10.50	152	575782	36.85	ng		99
49) Dimethylphthalate	10.38	163	455902	40.54	ng		100
50) 2,6-Dinitrotoluene	10.46	165	85791	38.19	ng		99
51) Acenaphthene	10.72	154	338677	37.90	ng		99
52) 3-Nitroaniline	10.65	138	80804	27.65	ng		88
53) 2,4-Dinitrophenol	10.81	184	14685	27.20	ng		90
54) Dibenzofuran	10.94	168	511236	38.79	ng		95
55) 4-Nitrophenol	10.91	139	28027m	17.30	ng		
56) 2,4-Dinitrotoluene	10.95	165	110589	36.70	ng		97
57) Fluorene	11.36	166	434033	39.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.10	232	92785	42.97	ng	#	100
59) Diethylphthalate	11.24	149	420974	38.24	ng		94
60) 4-Chlorophenyl-phenylether	11.37	204	187667	39.98	ng		89
61) 4-Nitroaniline	11.40	138	90284	33.16	ng		93
62) Azobenzene	11.57	77	440926	41.18	ng		94
64) 4,6-Dinitro-2-methylphenol	11.46	198	14126	15.13	ng	#	14
65) n-Nitrosodiphenylamine	11.52	169	347952	35.71	ng		99
66) 4-Bromophenyl-phenylether	11.98	248	114759	37.99	ng	#	89
67) Hexachlorobenzene	12.03	284	134301	38.99	ng	#	86
68) Atrazine	12.21	200	112336	42.68	ng		98
69) Pentachlorophenol	12.30	266	115753	87.73	ng		97
70) Phenanthrene	12.54	178	610024	37.90	ng		99
71) Anthracene	12.61	178	624579	38.22	ng		99
72) Carbazole	12.82	167	607696	38.63	ng		98
73) Di-n-butylphthalate	13.28	149	775508	44.05	ng		100
74) Fluoranthene	14.01	202	678109	39.29	ng		97
77) Pyrene	14.29	202	691325	37.00	ng		99
79) Butylbenzylphthalate	15.13	149	349782	41.62	ng		89
80) Benzo(a)anthracene	15.77	228	637561	36.75	ng		99
81) 3,3'-Dichlorobenzidine	15.76	252	153596	24.18	ng		98
82) Chrysene	15.82	228	611319	37.07	ng		100
83) Bis(2-ethylhexyl)phthalate	15.85	149	531985	44.19	ng	#	99
84) Di-n-octyl phthalate	16.64	149	883682	42.17	ng		99
85) Indeno(1,2,3-cd)pyrene	18.80	276	734962	34.65	ng		98
87) Benzo(b)fluoranthene	17.06	252	679930	39.94	ng	#	98
88) Benzo(k)fluoranthene	17.10	252	577011m	37.90	ng		
89) Benzo(a)pyrene	17.45	252	611417	40.78	ng	#	97
90) Dibenzo(a,h)anthracene	18.82	278	605619	38.56	ng		98
91) Benzo(g,h,i)perylene	19.18	276	617503	39.67	ng	#	94

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

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