Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079913.D
Acq On : 12 Jun 2015 1:27
Operator : TP/IZ
Sample : G2449-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM1BMS

Manual Integrations APPROVED
apatel
6/13/2015 8:44:26 AM

Quant Time: Jun 12 09:13:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 08:55:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	53556	20.00	ng		0.00
21) Naphthalene-d8	8.68	136	217929	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	113429	20.00	ng		0.00
63) Phenanthrene-d10	11.97	188	253256	20.00	ng		-0.01
75) Chrysene-d12	14.83	240	280732	20.00	ng		-0.16
86) Perylene-d12	16.69	264	281189	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	6.01	112	397338	136.04	ng		0.01
7) Phenol-d6	6.99	99	551975	138.71	ng		0.00
23) Nitrobenzene-d5	7.95	82	294339	89.11	ng		0.00
41) 2,4,6-Tribromophenol	11.26	330	155315	135.81	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	600710	74.16	ng		0.00
78) Terphenyl-d14	13.61	244	792309	65.07	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	39833	29.98	ng		92
3) Pyridine	4.12	79	124901	36.68	ng		97
4) n-Nitrosodimethylamine	4.03	42	70057	41.75	ng		95
6) Aniline	7.05	93	175489	30.47	ng		99
8) 2-Chlorophenol	7.18	128	156385	44.06	ng		97
9) Benzaldehyde	6.94	77	100665	44.01	ng		98
10) Phenol	7.00	94	200152	45.73	ng		93
11) bis(2-Chloroethyl)ether	7.11	93	144248	40.96	ng		95
12) 1,3-Dichlorobenzene	7.34	146	166302	40.16	ng		99
13) 1,4-Dichlorobenzene	7.42	146	169421	39.39	ng		98
14) 1,2-Dichlorobenzene	7.56	146	156625	41.00	ng		99
15) Benzyl Alcohol	7.52	79	133655	41.89	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.66	45	222276	42.61	ng		99
17) 2-Methylphenol	7.62	107	135208	43.60	ng		99
18) Hexachloroethane	7.92	117	55365	41.57	ng		99
19) n-Nitroso-di-n-propylamine	7.78	70	111106	39.08	ng		96
20) 3+4-Methylphenols	7.77	107	175683	44.32	ng		97
22) Acetophenone	7.79	105	228879	44.47	ng	#	98
24) Nitrobenzene	7.96	77	150924	42.95	ng		98
25) Isophorone	8.20	82	327657	42.63	ng		100
26) 2-Nitrophenol	8.30	139	53608	43.68	ng		98
27) 2,4-Dimethylphenol	8.31	122	149893m	43.51	ng		
28) bis(2-Chloroethoxy)methane	8.41	93	197866	43.35	ng		100
29) 2,4-Dichlorophenol	8.52	162	133329	46.21	ng		99
30) 1,2,4-Trichlorobenzene	8.63	180	146283	39.89	ng		97
31) Naphthalene	8.71	128	615801	51.69	ng		99
32) Benzoic acid	8.35	122	20350m	20.98	ng		
33) 4-Chloroaniline	8.74	127	111206	24.05	ng		97
34) Hexachlorobutadiene	8.82	225	80304	39.45	ng		96
35) Caprolactam	9.07	113	41267	45.22	ng	#	62
36) 4-Chloro-3-methylphenol	9.21	107	153989	46.72	ng		99
37) 2-Methylnaphthalene	9.40	142	364496	45.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	156357	41.16	ng		99
40) Hexachlorocyclopentadiene	9.56	237	126432	76.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	102118	43.63	ng		100
43) 2,4,5-Trichlorophenol	9.71	196	115501	44.70	ng		99
45) 1,1'-Biphenyl	9.86	154	398003	43.36	ng		99
46) 2-Chloronaphthalene	9.90	162	320286	40.98	ng		99
47) 2-Nitroaniline	9.98	65	70897	42.75	ng		97
48) Acenaphthylene	10.32	152	548031	41.54	ng		100
49) Dimethylphthalate	10.15	163	402918	44.34	ng		99
50) 2,6-Dinitrotoluene	10.22	165	69449	42.21	ng		94
51) Acenaphthene	10.49	154	318541	42.48	ng		99
52) 3-Nitroaniline	10.39	138	59635	30.65	ng		93
53) 2,4-Dinitrophenol	10.49	184	20267	67.39	ng	#	1
54) Dibenzofuran	10.66	168	491906	44.90	ng		100
55) 4-Nitrophenol	10.54	139	139188	95.45	ng	#	60
56) 2,4-Dinitrotoluene	10.63	165	100653	45.96	ng		97
57) Fluorene	11.02	166	430867	45.12	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.78	232	92715	47.34	ng	#	99
59) Diethylphthalate	10.86	149	381326	41.97	ng		99
60) 4-Chlorophenyl-phenylether	10.99	204	183318	42.98	ng		96
61) 4-Nitroaniline	11.00	138	79716	38.32	ng		99
62) Azobenzene	11.15	77	364268	41.66	ng		99
64) 4,6-Dinitro-2-methylphenol	11.04	198	24929	44.53	ng		91
65) n-Nitrosodiphenylamine	11.11	169	342136	41.85	ng		100
66) 4-Bromophenyl-phenylether	11.50	248	119593	42.14	ng		92
67) Hexachlorobenzene	11.58	284	129602	41.86	ng		95
68) Atrazine	11.63	200	104450	41.51	ng		97
69) Pentachlorophenol	11.76	266	119781	82.27	ng		96
70) Phenanthrene	11.99	178	810304	53.69	ng		99
71) Anthracene	12.05	178	670701	45.92	ng		100
72) Carbazole	12.19	167	582668	41.13	ng		99
73) Di-n-butylphthalate	12.51	149	632977	41.02	ng		99
74) Fluoranthene	13.22	202	856024	51.30	ng		98
76) Benzidine	13.34	184	338732	43.57	ng		99
77) Pyrene	13.47	202	873052	49.52	ng		99
79) Butylbenzylphthalate	14.13	149	287298	48.25	ng	#	84
80) Benzo(a)anthracene	14.82	228	775800	43.52	ng		99
81) 3,3'-Dichlorobenzidine	14.75	252	204603	35.90	ng	#	97
82) Chrysene	14.87	228	668871	42.36	ng		99
83) Bis(2-ethylhexyl)phthalate	14.78	149	440061	46.18	ng	#	95
84) Di-n-octyl phthalate	15.54	149	752711	48.43	ng		99
85) Indeno(1,2,3-cd)pyrene	18.58	276	788666	42.24	ng		99
87) Benzo(b)fluoranthene	16.14	252	742859	43.12	ng		99
88) Benzo(k)fluoranthene	16.17	252	708894	40.34	ng		99
89) Benzo(a)pyrene	16.61	252	706628	43.13	ng		97
90) Dibenzo(a,h)anthracene	18.61	278	630197	39.13	ng		98
91) Benzo(g,h,i)perylene	19.17	276	665698	39.94	ng		97

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

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