Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077475.D
Acq On : 26 Feb 2015 20:00
Operator : TP/IZ
Sample : G1384-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515MSD

Manual Integrations APPROVED
apatel
2/27/2015 4:21:10 PM

Quant Time: Feb 27 04:13:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 26 17:14:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	53226	20.00	ng		0.00
21) Naphthalene-d8	8.84	136	212798	20.00	ng		0.00
38) Acenaphthene-d10	11.01	164	106822	20.00	ng		-0.01
63) Phenanthrene-d10	12.87	188	212252	20.00	ng		0.00
75) Chrysene-d12	16.15	240	242673	20.00	ng		-0.03
86) Perylene-d12	17.85	264	230343	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	464255	145.61	ng		0.00
7) Phenol-d6	6.83	99	600433	146.47	ng		0.00
23) Nitrobenzene-d5	7.96	82	345480	100.96	ng		0.00
41) 2,4,6-Tribromophenol	12.00	330	154982	150.68	ng		-0.01
44) 2-Fluorobiphenyl	10.19	172	698439	101.95	ng		0.00
78) Terphenyl-d14	14.85	244	831436	80.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	48824	36.09	ng		96
3) Pyridine	2.93	79	126394	32.66	ng		95
4) n-Nitrosodimethylamine	2.85	42	70984	42.18	ng		99
6) Aniline	6.85	93	145178	25.62	ng		93
8) 2-Chlorophenol	7.00	128	166816	44.35	ng		88
10) Phenol	6.84	94	231012	47.50	ng		94
11) bis(2-Chloroethyl)ether	6.96	93	156518	44.78	ng		91
12) 1,3-Dichlorobenzene	7.20	146	175855	42.94	ng	#	89
13) 1,4-Dichlorobenzene	7.29	146	178103	42.75	ng		98
14) 1,2-Dichlorobenzene	7.47	146	172975	43.64	ng		98
15) Benzyl Alcohol	7.45	79	138703	44.51	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.63	45	221525	44.34	ng		99
17) 2-Methylphenol	7.60	107	130166	44.28	ng		98
18) Hexachloroethane	7.89	117	60418	43.42	ng		98
19) n-Nitroso-di-n-propylamine	7.78	70	112579	43.25	ng		98
20) 3+4-Methylphenols	7.78	107	170698	44.09	ng	#	81
22) Acetophenone	7.78	105	226866	45.32	ng	#	90
24) Nitrobenzene	7.98	77	169423	47.06	ng		95
25) Isophorone	8.28	82	311699	45.91	ng		98
26) 2-Nitrophenol	8.37	139	79733	54.03	ng		98
27) 2,4-Dimethylphenol	8.43	122	141653	42.91	ng		94
28) bis(2-Chloroethoxy)methane	8.56	93	184605	43.04	ng		98
29) 2,4-Dichlorophenol	8.67	162	142966	46.13	ng		94
30) 1,2,4-Trichlorobenzene	8.77	180	148329	43.53	ng		98
31) Naphthalene	8.86	128	475173	44.65	ng		99
32) Benzoic acid	8.52	122	69439	43.28	ng		99
33) 4-Chloroaniline	8.94	127	121970	25.78	ng		98
34) Hexachlorobutadiene	9.02	225	89642	46.08	ng		100
35) Caprolactam	9.36	113	43362	45.83	ng	#	85
36) 4-Chloro-3-methylphenol	9.55	107	140928	45.23	ng		89
37) 2-Methylnaphthalene	9.73	142	333807	44.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.94	216	151455	49.41	ng		98
40) Hexachlorocyclopentadiene	9.93	237	167172	101.72	ng		100
42) 2,4,6-Trichlorophenol	10.08	196	100667	49.59	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.12	196	111155	51.21	ng	#	92
45) 1,1'-Biphenyl	10.32	154	393129	48.58	ng		99
46) 2-Chloronaphthalene	10.33	162	314953	49.62	ng		100
47) 2-Nitroaniline	10.45	65	83856	53.67	ng		95
48) Acenaphthylene	10.84	152	515082	51.26	ng		100
49) Dimethylphthalate	10.69	163	408641	54.42	ng		100
50) 2,6-Dinitrotoluene	10.77	165	81892	54.38	ng		96
51) Acenaphthene	11.06	154	302542	50.46	ng		99
52) 3-Nitroaniline	10.97	138	65107	37.50	ng		97
53) 2,4-Dinitrophenol	11.11	184	60905	132.92	ng		95
54) Dibenzofuran	11.28	168	457241	49.39	ng		97
55) 4-Nitrophenol	11.19	139	155350	111.25	ng		91
56) 2,4-Dinitrotoluene	11.27	165	112056	55.07	ng		92
57) Fluorene	11.70	166	374056	50.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.43	232	91191	52.26	ng		97
59) Diethylphthalate	11.57	149	360485	48.70	ng		99
60) 4-Chlorophenyl-phenylether	11.71	204	174765	49.01	ng		99
61) 4-Nitroaniline	11.72	138	82725	49.71	ng		97
62) Azobenzene	11.91	77	374327	53.30	ng		97
64) 4,6-Dinitro-2-methylphenol	11.77	198	39147	46.36	ng		98
65) n-Nitrosodiphenylamine	11.86	169	314208	44.62	ng		99
66) 4-Bromophenyl-phenylether	12.32	248	105237	42.34	ng		97
67) Hexachlorobenzene	12.37	284	113882	42.69	ng	#	90
68) Atrazine	12.52	200	102368	44.71	ng		98
69) Pentachlorophenol	12.63	266	130377	92.99	ng		98
70) Phenanthrene	12.89	178	553625	45.00	ng		99
71) Anthracene	12.96	178	556863	45.61	ng		98
72) Carbazole	13.16	167	534693	46.06	ng		99
73) Di-n-butylphthalate	13.61	149	607554	44.57	ng		99
74) Fluoranthene	14.36	202	599000	44.57	ng		97
76) Benzidine	14.55	184	312029	38.06	ng		97
77) Pyrene	14.65	202	632960	42.64	ng		99
79) Butylbenzylphthalate	15.47	149	276696	45.31	ng	#	85
80) Benzo(a)anthracene	16.13	228	609999	42.89	ng		99
81) 3,3'-Dichlorobenzidine	16.11	252	150763	28.93	ng	#	96
82) Chrysene	16.18	228	582647	43.63	ng		99
83) Bis(2-ethylhexyl)phthalate	16.19	149	410871	41.95	ng	#	95
84) Di-n-octyl phthalate	16.98	149	718645	43.95	ng		97
85) Indeno(1,2,3-cd)pyrene	19.30	276	688759m	45.23	ng		
87) Benzo(b)fluoranthene	17.41	252	593426	44.30	ng	#	97
88) Benzo(k)fluoranthene	17.45	252	615163m	46.86	ng		
89) Benzo(a)pyrene	17.79	252	588553	46.14	ng		98
90) Dibenzo(a,h)anthracene	19.33	278	568365	46.72	ng		100
91) Benzo(g,h,i)perylene	19.73	276	567877	46.25	ng		96

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

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