Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078077.D
Acq On : 28 Mar 2015 12:40
Operator : TP/IZ
Sample : G1667-12MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
apatel
3/30/2015 6:31:22 PM

Quant Time: Mar 30 02:24:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	38194	20.00	ng		0.00
21) Naphthalene-d8	8.65	136	159499	20.00	ng		0.00
38) Acenaphthene-d10	10.82	164	77937	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	152405	20.00	ng		0.00
75) Chrysene-d12	15.93	240	165644	20.00	ng		0.00
86) Perylene-d12	17.65	264	164155	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	202061	92.34	ng		0.00
7) Phenol-d6	6.66	99	250603	92.70	ng		-0.01
23) Nitrobenzene-d5	7.77	82	145376	59.75	ng		-0.01
41) 2,4,6-Tribromophenol	11.80	330	62954	84.42	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	316588	59.70	ng		0.00
78) Terphenyl-d14	14.65	244	380342	56.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	24684	24.85	ng	#	100
3) Pyridine	2.61	79	61560	23.06	ng		98
4) n-Nitrosodimethylamine	2.54	42	30661m	26.38	ng		
6) Aniline	6.66	93	55597	14.38	ng	#	73
8) 2-Chlorophenol	6.81	128	82014	31.49	ng		99
9) Benzaldehyde	6.52	77	3011	2.72	ng		95
10) Phenol	6.68	94	99031	30.99	ng	#	70
11) bis(2-Chloroethyl)ether	6.77	93	75961	31.73	ng		99
12) 1,3-Dichlorobenzene	6.99	146	85507	29.52	ng	#	94
13) 1,4-Dichlorobenzene	7.09	146	87998	29.23	ng		95
14) 1,2-Dichlorobenzene	7.28	146	83878	30.40	ng		95
15) Benzyl Alcohol	7.26	79	61666	29.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.45	45	99682	30.90	ng		97
17) 2-Methylphenol	7.42	107	65561	30.92	ng		97
18) Hexachloroethane	7.69	117	28601	28.97	ng		90
19) n-Nitroso-di-n-propylamine	7.60	70	54570	29.18	ng		99
20) 3+4-Methylphenols	7.62	107	84026	30.20	ng		93
22) Acetophenone	7.58	105	110730	31.36	ng	#	97
24) Nitrobenzene	7.79	77	76938	29.35	ng		95
25) Isophorone	8.09	82	143471	29.20	ng	#	89
26) 2-Nitrophenol	8.19	139	38043	29.64	ng		97
27) 2,4-Dimethylphenol	8.27	122	67414	28.83	ng		98
28) bis(2-Chloroethoxy)methane	8.38	93	91290	30.61	ng		99
29) 2,4-Dichlorophenol	8.50	162	65318	29.31	ng		95
30) 1,2,4-Trichlorobenzene	8.58	180	69455	27.85	ng		93
31) Naphthalene	8.67	128	231904	28.31	ng		99
32) Benzoic acid	8.36	122	21777	18.71	ng		99
33) 4-Chloroaniline	8.76	127	51045	15.35	ng		97
34) Hexachlorobutadiene	8.83	225	38892	27.52	ng		96
35) Caprolactam	9.17	113	19044	29.24	ng		97
36) 4-Chloro-3-methylphenol	9.38	107	69637	31.06	ng		86
37) 2-Methylnaphthalene	9.54	142	166304	30.22	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	67331	28.96	ng	#	100
40) Hexachlorocyclopentadiene	9.72	237	52815	46.76	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	48214	29.94	ng		98
43) 2,4,5-Trichlorophenol	9.95	196	48171	27.69	ng		96
45) 1,1'-Biphenyl	10.12	154	187573	30.11	ng		98
46) 2-Chloronaphthalene	10.13	162	152386	30.10	ng		94
47) 2-Nitroaniline	10.27	65	37835	30.09	ng		90
48) Acenaphthylene	10.64	152	239901	28.49	ng		99
49) Dimethylphthalate	10.51	163	186520	32.27	ng		99
50) 2,6-Dinitrotoluene	10.58	165	36756	30.68	ng		99
51) Acenaphthene	10.85	154	139907	28.98	ng		98
52) 3-Nitroaniline	10.78	138	31822	22.87	ng		91
53) 2,4-Dinitrophenol	10.92	184	17346	43.49	ng	#	71
54) Dibenzofuran	11.07	168	218510	30.52	ng		95
55) 4-Nitrophenol	11.02	139	56648	54.95	ng		94
56) 2,4-Dinitrotoluene	11.07	165	49555	31.72	ng	#	86
57) Fluorene	11.49	166	180926	30.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	37685	28.13	ng	#	100
59) Diethylphthalate	11.38	149	165695	29.42	ng		95
60) 4-Chlorophenyl-phenylether	11.50	204	77269	28.48	ng	#	86
61) 4-Nitroaniline	11.54	138	40182	28.97	ng		92
62) Azobenzene	11.70	77	159172	29.57	ng		93
64) 4,6-Dinitro-2-methylphenol	11.57	198	16997	25.80	ng		95
65) n-Nitrosodiphenylamine	11.65	169	143290	28.24	ng		100
66) 4-Bromophenyl-phenylether	12.11	248	46875	28.82	ng	#	89
67) Hexachlorobenzene	12.17	284	50263	28.12	ng		96
68) Atrazine	12.34	200	47603	33.47	ng		100
69) Pentachlorophenol	12.42	266	40195	44.37	ng		95
70) Phenanthrene	12.68	178	387872	44.33	ng		99
71) Anthracene	12.74	178	270790	31.33	ng		100
72) Carbazole	12.96	167	257178	31.28	ng		99
73) Di-n-butylphthalate	13.41	149	276434	29.98	ng		99
74) Fluoranthene	14.16	202	494714	51.26	ng		100
76) Benzidine	14.34	184	104891	25.42	ng		99
77) Pyrene	14.43	202	480511	46.13	ng		99
79) Butylbenzylphthalate	15.27	149	122777	29.90	ng		89
80) Benzo(a)anthracene	15.92	228	380347	38.74	ng		99
81) 3,3'-Dichlorobenzidine	15.91	252	76766	23.70	ng	#	98
82) Chrysene	15.96	228	355777	40.30	ng		99
83) Bis(2-ethylhexyl)phthalate	15.99	149	181531	29.18	ng	#	95
84) Di-n-octyl phthalate	16.77	149	318058	29.90	ng		99
85) Indeno(1,2,3-cd)pyrene	18.99	276	370516	33.62	ng	#	100
87) Benzo(b)fluoranthene	17.21	252	453410m	42.31	ng		
88) Benzo(k)fluoranthene	17.24	252	255125m	30.48	ng		
89) Benzo(a)pyrene	17.59	252	346743	38.78	ng	#	96
90) Dibenzo(a,h)anthracene	19.03	278	264820	29.86	ng		99
91) Benzo(g,h,i)perylene	19.39	276	322656	35.74	ng		98

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

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