Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078476.D
Acq On : 13 Apr 2015 22:52
Operator : TP/IZ
Sample : G1677-12MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MSD

Manual Integrations APPROVED
apatel
4/14/2015 5:25:11 PM

Quant Time: Apr 14 11:19:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 01:02:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	32709	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	137875	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	70243	20.00	ng		-0.01
63) Phenanthrene-d10	12.39	188	147517	20.00	ng		0.00
75) Chrysene-d12	15.63	240	153052	20.00	ng		-0.02
86) Perylene-d12	17.30	264	146999	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	116494	58.72	ng		0.00
7) Phenol-d6	6.42	99	92334	37.14	ng		-0.01
23) Nitrobenzene-d5	7.53	82	204301	89.82	ng		-0.01
41) 2,4,6-Tribromophenol	11.54	330	91135	156.44	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	470426	95.73	ng		0.00
78) Terphenyl-d14	14.38	244	557053	82.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	64692	72.11	ng	#	23
3) Pyridine	2.24	79	37031	15.76	ng	#	94
4) n-Nitrosodimethylamine	2.17	42	16944m	18.73	ng		
6) Aniline	6.42	93	48279	13.69	ng		95
8) 2-Chlorophenol	6.56	128	82626	35.22	ng		99
9) Benzaldehyde	6.27	77	30158	18.30	ng	#	86
10) Phenol	6.44	94	35444	11.90	ng		97
11) bis(2-Chloroethyl)ether	6.52	93	94276	44.01	ng		93
12) 1,3-Dichlorobenzene	6.75	146	105948	41.12	ng	#	90
13) 1,4-Dichlorobenzene	6.84	146	107866	41.59	ng		97
14) 1,2-Dichlorobenzene	7.03	146	101824	41.87	ng		99
15) Benzyl Alcohol	7.03	79	51263	29.34	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	129757	45.41	ng		97
17) 2-Methylphenol	7.20	107	49574	27.22	ng	#	92
18) Hexachloroethane	7.45	117	36835	42.11	ng		87
19) n-Nitroso-di-n-propylamine	7.37	70	74059	45.15	ng		98
20) 3+4-Methylphenols	7.39	107	59816	24.62	ng		96
22) Acetophenone	7.35	105	150467	46.84	ng	#	90
24) Nitrobenzene	7.55	77	104430	43.92	ng	#	86
25) Isophorone	7.86	82	190822	44.20	ng		98
26) 2-Nitrophenol	7.95	139	46072	40.66	ng		93
27) 2,4-Dimethylphenol	8.03	122	76441	36.28	ng		95
28) bis(2-Chloroethoxy)methane	8.15	93	117951	42.61	ng		98
29) 2,4-Dichlorophenol	8.25	162	79884	41.67	ng		90
30) 1,2,4-Trichlorobenzene	8.34	180	90593	41.22	ng		97
31) Naphthalene	8.43	128	504623	70.32	ng		99
32) Benzoic acid	8.15	122	13266	17.56	ng		88
33) 4-Chloroaniline	8.52	127	60012	20.15	ng		97
34) Hexachlorobutadiene	8.59	225	51186	42.41	ng		98
35) Caprolactam	8.95	113	3287	5.74	ng		97
36) 4-Chloro-3-methylphenol	9.14	107	77926	40.29	ng		98
37) 2-Methylnaphthalene	9.29	142	270585	55.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	92747	42.61	ng		99
40) Hexachlorocyclopentadiene	9.48	237	73858	78.93	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	59557	43.39	ng		96
43) 2,4,5-Trichlorophenol	9.70	196	60941	42.50	ng	#	87
45) 1,1'-Biphenyl	9.87	154	268985	46.82	ng		99
46) 2-Chloronaphthalene	9.88	162	196409	43.45	ng		98
47) 2-Nitroaniline	10.03	65	54249	48.50	ng	#	53
48) Acenaphthylene	10.39	152	317949	43.55	ng		99
49) Dimethylphthalate	10.27	163	239206	45.33	ng		98
50) 2,6-Dinitrotoluene	10.34	165	51529	47.46	ng	#	72
51) Acenaphthene	10.60	154	189125	46.02	ng		100
52) 3-Nitroaniline	10.54	138	36519	29.58	ng		95
53) 2,4-Dinitrophenol	10.68	184	31523	76.38	ng	#	81
54) Dibenzofuran	10.82	168	298380	47.53	ng		96
55) 4-Nitrophenol	10.79	139	20334m	24.36	ng		
56) 2,4-Dinitrotoluene	10.83	165	69990	49.77	ng	#	86
57) Fluorene	11.23	166	244984	48.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.98	232	50586	47.58	ng		98
59) Diethylphthalate	11.14	149	241007	47.36	ng		98
60) 4-Chlorophenyl-phenylether	11.26	204	112124	47.90	ng	#	84
61) 4-Nitroaniline	11.29	138	51710	41.43	ng		92
62) Azobenzene	11.45	77	250066	53.85	ng		91
64) 4,6-Dinitro-2-methylphenol	11.34	198	26827	38.66	ng	#	57
65) n-Nitrosodiphenylamine	11.40	169	201058	39.40	ng		99
66) 4-Bromophenyl-phenylether	11.85	248	64872	41.52	ng		93
67) Hexachlorobenzene	11.91	284	68806	40.19	ng		99
68) Atrazine	12.09	200	72069	48.76	ng		98
69) Pentachlorophenol	12.16	266	60073	79.21	ng		98
70) Phenanthrene	12.41	178	345347	40.47	ng		100
71) Anthracene	12.48	178	364964	43.40	ng		100
72) Carbazole	12.70	167	346689	43.99	ng		99
73) Di-n-butylphthalate	13.15	149	426176	47.74	ng		99
74) Fluoranthene	13.87	202	377430	41.94	ng		96
76) Benzidine	14.07	184	151849	25.77	ng		98
77) Pyrene	14.15	202	400911	41.73	ng		98
79) Butylbenzylphthalate	15.01	149	185072	50.54	ng	#	75
80) Benzo(a)anthracene	15.62	228	380377	41.77	ng		99
81) 3,3'-Dichlorobenzidine	15.62	252	98734	32.37	ng	#	99
82) Chrysene	15.67	228	350818	41.00	ng		99
83) Bis(2-ethylhexyl)phthalate	15.71	149	288827	50.29	ng	#	95
84) Di-n-octyl phthalate	16.49	149	509147	53.99	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.51	276	432258	44.52	ng	#	86
87) Benzo(b)fluoranthene	16.88	252	458882	50.51	ng	#	97
88) Benzo(k)fluoranthene	16.91	252	294315m	36.45	ng		
89) Benzo(a)pyrene	17.25	252	361981	45.65	ng		98
90) Dibenzo(a,h)anthracene	18.54	278	339543	42.77	ng		98
91) Benzo(g,h,i)perylene	18.86	276	343770	43.19	ng		100

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

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