Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080548.D
Acq On : 17 Jul 2015 22:22
Operator : TP/UM
Sample : G2992-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

Manual Integrations APPROVED
apatel
7/20/2015 3:44:19 PM

Quant Time: Jul 20 15:13:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 20 13:29:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	40056	20.00	ng		0.00
21) Naphthalene-d8	8.35	136	185574	20.00	ng		0.00
38) Acenaphthene-d10	10.11	164	87813	20.00	ng		0.00
63) Phenanthrene-d10	11.60	188	176955	20.00	ng		0.00
75) Chrysene-d12	14.42	240	170602	20.00	ng		0.07
86) Perylene-d12	16.12	264	169046	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	384118	149.51	ng		0.00
7) Phenol-d6	6.70	99	456972	156.30	ng		0.00
23) Nitrobenzene-d5	7.63	82	287895	98.91	ng		0.00
41) 2,4,6-Tribromophenol	10.90	330	123872	157.64	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	528707	84.57	ng		0.00
78) Terphenyl-d14	13.22	244	568327	74.39	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	40143	37.36	ng		87
3) Pyridine	3.70	79	90526	44.30	ng		97
4) n-Nitrosodimethylamine	3.54	42	71980	50.81	ng		97
6) Aniline	6.74	93	74322	19.29	ng	#	87
8) 2-Chlorophenol	6.85	128	132636	49.48	ng		98
9) Benzaldehyde	6.62	77	44541	26.98	ng		94
10) Phenol	6.73	94	155872	46.10	ng		85
11) bis(2-Chloroethyl)ether	6.80	93	122619	47.98	ng		97
12) 1,3-Dichlorobenzene	7.00	146	139243	46.15	ng		99
13) 1,4-Dichlorobenzene	7.08	146	151794	45.68	ng		98
14) 1,2-Dichlorobenzene	7.24	146	137163	44.89	ng		98
15) Benzyl Alcohol	7.22	79	91290	48.91	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.33	45	201576	46.36	ng		97
17) 2-Methylphenol	7.33	107	97189	47.54	ng		96
18) Hexachloroethane	7.58	117	45068	42.32	ng		98
19) n-Nitroso-di-n-propylamine	7.47	70	83268	47.37	ng		98
20) 3+4-Methylphenols	7.48	107	150382	50.95	ng		99
22) Acetophenone	7.47	105	173662	43.60	ng		99
24) Nitrobenzene	7.65	77	127366	38.72	ng		96
25) Isophorone	7.88	82	246308	44.33	ng		99
26) 2-Nitrophenol	7.97	139	68688	42.56	ng		99
27) 2,4-Dimethylphenol	8.01	122	126650	45.82	ng		98
28) bis(2-Chloroethoxy)methane	8.09	93	133847	43.51	ng	#	95
29) 2,4-Dichlorophenol	8.21	162	113400	48.45	ng		97
30) 1,2,4-Trichlorobenzene	8.29	180	120523	40.28	ng		100
31) Naphthalene	8.37	128	399916	43.54	ng		100
32) Benzoic acid	8.09	122	20366	21.38	ng		96
33) 4-Chloroaniline	8.43	127	58502	15.99	ng		95
34) Hexachlorobutadiene	8.49	225	57583	41.27	ng		99
35) Caprolactam	8.76	113	29622	50.32	ng	#	88
36) 4-Chloro-3-methylphenol	8.91	107	121589	50.42	ng		99
37) 2-Methylnaphthalene	9.06	142	254209	45.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	115853	41.72	ng		98
40) Hexachlorocyclopentadiene	9.22	237	118964	91.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	78690	49.20	ng		99
43) 2,4,5-Trichlorophenol	9.39	196	84242	48.21	ng		96
45) 1,1'-Biphenyl	9.53	154	311826	42.83	ng		99
46) 2-Chloronaphthalene	9.55	162	237728	44.32	ng		99
47) 2-Nitroaniline	9.65	65	64635	47.26	ng		99
48) Acenaphthylene	9.97	152	397790	44.78	ng		99
49) Dimethylphthalate	9.82	163	416452	71.27	ng		99
50) 2,6-Dinitrotoluene	9.89	165	58723	48.70	ng	#	42
51) Acenaphthene	10.14	154	254052	46.80	ng		99
52) 3-Nitroaniline	10.06	138	33410	27.65	ng		92
53) 2,4-Dinitrophenol	10.17	184	49971	76.42	ng	#	83
54) Dibenzofuran	10.32	168	347596	45.99	ng		98
55) 4-Nitrophenol	10.24	139	111351	98.73	ng		89
56) 2,4-Dinitrotoluene	10.29	165	90001	50.96	ng		96
57) Fluorene	10.66	166	278871	46.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.44	232	61852	50.59	ng		95
59) Diethylphthalate	10.52	149	276332	50.09	ng		100
60) 4-Chlorophenyl-phenylether	10.65	204	122812	45.78	ng		95
61) 4-Nitroaniline	10.68	138	66989	46.84	ng		97
62) Azobenzene	10.81	77	270161	48.67	ng	#	77
64) 4,6-Dinitro-2-methylphenol	10.70	198	38050	45.46	ng		97
65) n-Nitrosodiphenylamine	10.76	169	248097	42.56	ng		99
66) 4-Bromophenyl-phenylether	11.14	248	68567	42.27	ng		95
67) Hexachlorobenzene	11.21	284	81259	41.31	ng		93
68) Atrazine	11.29	200	72080	52.24	ng		86
69) Pentachlorophenol	11.41	266	76321	74.00	ng		94
70) Phenanthrene	11.62	178	400114	41.50	ng		98
71) Anthracene	11.68	178	413002	44.10	ng		99
72) Carbazole	11.84	167	379523	45.24	ng		98
73) Di-n-butylphthalate	12.14	149	428497	47.40	ng		99
74) Fluoranthene	12.83	202	416322	46.19	ng		98
76) Benzidine	12.97	184	99573	21.81	ng		98
77) Pyrene	13.07	202	429276	38.99	ng		100
79) Butylbenzylphthalate	13.73	149	170195	45.97	ng	#	84
80) Benzo(a)anthracene	14.41	228	419520	44.18	ng		99
81) 3,3'-Dichlorobenzidine	14.36	252	71353	23.79	ng	#	98
82) Chrysene	14.44	228	394035	41.41	ng		98
83) Bis(2-ethylhexyl)phthalate	14.37	149	247244	44.92	ng	#	95
84) Di-n-octyl phthalate	15.13	149	402216	48.11	ng		99
85) Indeno(1,2,3-cd)pyrene	17.71	276	456414	46.56	ng		98
87) Benzo(b)fluoranthene	15.65	252	402770m	38.44	ng		
88) Benzo(k)fluoranthene	15.69	252	429046m	47.29	ng		
89) Benzo(a)pyrene	16.05	252	402695	45.10	ng	#	97
90) Dibenzo(a,h)anthracene	17.72	278	388428	44.18	ng		100
91) Benzo(g,h,i)perylene	18.19	276	405500	45.69	ng		98

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

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