Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084597.D
Acq On : 22 Jan 2016 18:51
Operator : SJ/IZ
Sample : H1187-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Manual Integrations APPROVED
mohammad
1/25/2016 2:59:15 PM

Quant Time: Jan 23 00:35:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192757	20.00	ng		-0.08
21) Naphthalene-d8	8.03	136	771705	20.00	ng		-0.09
38) Acenaphthene-d10	9.79	164	385430	20.00	ng		-0.08
63) Phenanthrene-d10	11.26	188	685459	20.00	ng		-0.09
75) Chrysene-d12	13.91	240	477170	20.00	ng		-0.09
86) Perylene-d12	15.30	264	399211	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1319387	110.71	ng		-0.08
7) Phenol-d6	6.41	99	2009546	134.26	ng		-0.07
23) Nitrobenzene-d5	7.32	82	1302362	93.93	ng		-0.08
41) 2,4,6-Tribromophenol	10.58	330	428539	110.13	ng		-0.09
44) 2-Fluorobiphenyl	9.12	172	1901097	86.91	ng		-0.08
78) Terphenyl-d14	12.85	244	1722914	80.60	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	211545	37.47	ng	#	77
3) Pyridine	3.01	79	509935	32.40	ng	#	76
4) n-Nitrosodimethylamine	2.97	42	326378	40.40	ng		81
6) Aniline	6.41	93	395852	18.08	ng	#	24
8) 2-Chlorophenol	6.53	128	585486	43.30	ng		88
9) Benzaldehyde	6.29	77	53681	5.51	ng		91
10) Phenol	6.42	94	770948	45.30	ng		92
11) bis(2-Chloroethyl)ether	6.49	93	560775	42.54	ng	#	82
12) 1,3-Dichlorobenzene	6.68	146	573618m	41.13	ng		
13) 1,4-Dichlorobenzene	6.76	146	593896	42.46	ng		97
14) 1,2-Dichlorobenzene	6.92	146	590338	44.07	ng		96
15) Benzyl Alcohol	6.90	79	498810	39.62	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	914144	38.08	ng		86
17) 2-Methylphenol	7.02	107	500446	44.16	ng	#	92
18) Hexachloroethane	7.26	117	238537	42.65	ng	#	84
19) n-Nitroso-di-n-propylamine	7.17	70	423359	41.79	ng	#	76
20) 3+4-Methylphenols	7.17	107	593232	44.54	ng	#	78
22) Acetophenone	7.16	105	834167	44.95	ng		98
24) Nitrobenzene	7.33	77	581413	41.34	ng		95
25) Isophorone	7.57	82	1178793	44.45	ng		98
26) 2-Nitrophenol	7.65	139	339314	53.01	ng	#	87
27) 2,4-Dimethylphenol	7.70	122	486720	37.57	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	699537	43.19	ng		99
29) 2,4-Dichlorophenol	7.90	162	518992	48.09	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	506499	45.46	ng		97
31) Naphthalene	8.05	128	1581799	45.18	ng		99
32) Benzoic acid	7.79	122	62609	12.78	ng		90
33) 4-Chloroaniline	8.11	127	276392	17.22	ng		94
34) Hexachlorobutadiene	8.18	225	303463	47.38	ng		100
35) Caprolactam	8.49	113	164061m	45.10	ng		
36) 4-Chloro-3-methylphenol	8.61	107	607796	50.28	ng		96
37) 2-Methylnaphthalene	8.75	142	1195578	47.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	441151	39.81	ng		99
40) Hexachlorocyclopentadiene	8.90	237	470658	70.36	ng		97

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Quant Time: Jan 23 00:35:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	357184	43.09	ng		94
43) 2,4,5-Trichlorophenol	9.08	196	376293m	47.35	ng		
45) 1,1'-Biphenyl	9.22	154	1394082	45.51	ng		96
46) 2-Chloronaphthalene	9.24	162	1052315	43.73	ng	#	87
47) 2-Nitroaniline	9.33	65	345120	43.46	ng		99
48) Acenaphthylene	9.65	152	1670535	46.99	ng		97
49) Dimethylphthalate	9.53	163	1851859	67.21	ng	#	90
50) 2,6-Dinitrotoluene	9.58	165	292491	48.40	ng	#	68
51) Acenaphthene	9.82	154	1077505	45.19	ng		97
52) 3-Nitroaniline	9.74	138	194491	25.97	ng		98
53) 2,4-Dinitrophenol	9.86	184	197232	76.76	ng		91
54) Dibenzofuran	10.00	168	1416421	45.92	ng		93
55) 4-Nitrophenol	9.94	139	482361	88.74	ng		82
56) 2,4-Dinitrotoluene	9.98	165	330808	43.25	ng	#	80
57) Fluorene	10.34	166	1144814	48.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	307423	45.31	ng		89
59) Diethylphthalate	10.22	149	1235696	45.48	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	489384	49.33	ng	#	80
61) 4-Nitroaniline	10.36	138	286274	42.89	ng		92
62) Azobenzene	10.49	77	1228071	41.21	ng		86
64) 4,6-Dinitro-2-methylphenol	10.40	198	194872	46.84	ng		89
65) n-Nitrosodiphenylamine	10.45	169	906033	41.34	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	317215	43.00	ng	#	79
67) Hexachlorobenzene	10.89	284	385554	46.43	ng	#	89
68) Atrazine	10.99	200	365798	51.00	ng		96
69) Pentachlorophenol	11.08	266	353080	82.00	ng		99
70) Phenanthrene	11.30	178	1758119	49.03	ng		97
71) Anthracene	11.34	178	1472434	41.89	ng		98
72) Carbazole	11.50	167	1404768	40.88	ng		98
73) Di-n-butylphthalate	11.85	149	1872385	53.83	ng		98
74) Fluoranthene	12.48	202	1545191	41.25	ng		98
76) Benzidine	12.60	184	151214	8.84	ng		97
77) Pyrene	12.70	202	1555223	41.53	ng		98
79) Butylbenzylphthalate	13.33	149	694716	42.87	ng		88
80) Benzo(a)anthracene	13.89	228	1266311	45.20	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	275998	28.22	ng	#	96
82) Chrysene	13.93	228	1067356	39.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	954496	46.63	ng	#	94
84) Di-n-octyl phthalate	14.51	149	1549258	44.83	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.63	276	1114673	52.23	ng		99
87) Benzo(b)fluoranthene	14.91	252	1207244m	46.23	ng		
88) Benzo(k)fluoranthene	14.93	252	890617m	41.70	ng		
89) Benzo(a)pyrene	15.24	252	1007469	45.48	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	923003	48.43	ng		99
91) Benzo(g,h,i)perylene	17.03	276	955523	48.41	ng		100

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

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