Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085473.D
Acq On : 16 Mar 2016 20:35
Operator : UM/SJ
Sample : H1788-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Manual Integrations APPROVED
Sohil
3/17/2016 5:20:04 PM

Quant Time: Mar 17 00:12:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	70625	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	267264	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	130005	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	234960	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	138465	20.00	ng		-0.01
86) Perylene-d12	15.51	264	108506	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1007267	245.16	ng		0.00
7) Phenol-d6	6.54	99	1337650	250.99	ng		-0.01
23) Nitrobenzene-d5	7.46	82	944664	208.98	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	329612	275.27	ng		-0.02
44) 2-Fluorobiphenyl	9.27	172	1483371	197.95	ng		-0.01
78) Terphenyl-d14	13.01	244	1258739	205.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	156362	76.27	ng		97
3) Pyridine	3.34	79	358681	73.70	ng		97
4) n-Nitrosodimethylamine	3.28	42	191275	85.11	ng		96
6) Aniline	6.56	93	524840	71.34	ng		96
8) 2-Chlorophenol	6.69	128	433024	89.89	ng		99
9) Benzaldehyde	6.45	77	94042	31.60	ng		95
10) Phenol	6.55	94	528328	88.44	ng		98
11) bis(2-Chloroethyl)ether	6.64	93	423222	92.13	ng		98
12) 1,3-Dichlorobenzene	6.85	146	465461	87.18	ng		100
13) 1,4-Dichlorobenzene	6.92	146	448244	83.81	ng		99
14) 1,2-Dichlorobenzene	7.08	146	443487	94.49	ng		99
15) Benzyl Alcohol	7.04	79	359426	94.43	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	528795	84.53	ng		98
17) 2-Methylphenol	7.16	107	353911	87.76	ng		97
18) Hexachloroethane	7.42	117	173998	88.69	ng		96
19) n-Nitroso-di-n-propylamine	7.32	70	269675	84.50	ng	#	91
20) 3+4-Methylphenols	7.32	107	433526	100.27	ng	#	81
22) Acetophenone	7.32	105	526246	80.35	ng	#	95
24) Nitrobenzene	7.49	77	444126	87.20	ng		99
25) Isophorone	7.73	82	835576	90.65	ng		99
26) 2-Nitrophenol	7.81	139	251564	103.10	ng	#	85
27) 2,4-Dimethylphenol	7.84	122	389700	89.80	ng		94
28) bis(2-Chloroethoxy)methane	7.94	93	519566	94.27	ng		98
29) 2,4-Dichlorophenol	8.05	162	362679	103.02	ng		92
30) 1,2,4-Trichlorobenzene	8.13	180	353120	86.81	ng		99
31) Naphthalene	8.21	128	1184218	90.68	ng		99
32) Benzoic acid	7.92	122	73036	29.27	ng		96
33) 4-Chloroaniline	8.25	127	289805	51.59	ng		99
34) Hexachlorobutadiene	8.33	225	197442	92.85	ng		99
35) Caprolactam	8.63	113	110566m	96.18	ng		
36) 4-Chloro-3-methylphenol	8.74	107	398496	99.13	ng		98
37) 2-Methylnaphthalene	8.90	142	835289	101.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	328880	81.33	ng		98
40) Hexachlorocyclopentadiene	9.06	237	343711	175.89	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	230790	86.43	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	248862	92.26	ng		98
45) 1,1'-Biphenyl	9.37	154	935850	88.19	ng		93
46) 2-Chloronaphthalene	9.40	162	767475	96.53	ng		97
47) 2-Nitroaniline	9.49	65	233028	96.79	ng		89
48) Acenaphthylene	9.81	152	1099754	85.50	ng		98
49) Dimethylphthalate	9.67	163	1026778	108.25	ng		99
50) 2,6-Dinitrotoluene	9.73	165	174490	83.27	ng	#	80
51) Acenaphthene	9.98	154	730477	90.33	ng		99
52) 3-Nitroaniline	9.90	138	180179	71.91	ng		92
53) 2,4-Dinitrophenol	10.00	184	139886	118.29	ng	#	65
54) Dibenzofuran	10.15	168	953877	96.02	ng		100
55) 4-Nitrophenol	10.06	139	335772	194.69	ng	#	73
56) 2,4-Dinitrotoluene	10.14	165	280942	106.89	ng	#	81
57) Fluorene	10.49	166	727364	91.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	184616	99.68	ng		95
59) Diethylphthalate	10.37	149	818110	89.10	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	333171	81.85	ng		92
61) 4-Nitroaniline	10.52	138	217443	92.30	ng		98
62) Azobenzene	10.64	77	885245	97.08	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	114169	81.34	ng	#	37
65) n-Nitrosodiphenylamine	10.61	169	717424	99.08	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	207642	87.32	ng		91
67) Hexachlorobenzene	11.04	284	224462	91.48	ng	#	88
68) Atrazine	11.13	200	230334	111.17	ng		97
69) Pentachlorophenol	11.24	266	237898	182.91	ng		99
70) Phenanthrene	11.45	178	1074381	87.79	ng		99
71) Anthracene	11.51	178	1235270	99.10	ng		100
72) Carbazole	11.66	167	946401	89.73	ng		99
73) Di-n-butylphthalate	11.99	149	1315040	100.64	ng		99
74) Fluoranthene	12.64	202	1134138	98.59	ng		99
76) Benzidine	12.76	184	297535	69.18	ng		98
77) Pyrene	12.87	202	1146396	110.39	ng		99
79) Butylbenzylphthalate	13.49	149	508995	112.09	ng	#	79
80) Benzo(a)anthracene	14.06	228	798361	100.57	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	169325	63.01	ng		98
82) Chrysene	14.09	228	762139	106.73	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	623131	112.50	ng	#	96
84) Di-n-octyl phthalate	14.65	149	908820	112.38	ng		98
85) Indeno(1,2,3-cd)pyrene	16.95	276	713701	105.43	ng		97
87) Benzo(b)fluoranthene	15.09	252	729989m	103.01	ng		
88) Benzo(k)fluoranthene	15.12	252	471848m	85.01	ng		
89) Benzo(a)pyrene	15.45	252	592364	96.76	ng		100
90) Dibenzo(a,h)anthracene	16.96	278	597771	99.96	ng		99
91) Benzo(g,h,i)perylene	17.39	276	609827	99.84	ng		97

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

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