Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085474.D
Acq On : 16 Mar 2016 21:04
Operator : UM/SJ
Sample : H1788-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
3/17/2016 5:20:06 PM

Quant Time: Mar 17 00:14:57 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	68449	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	267592	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	126643	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	229140	20.00	ng		-0.01
75) Chrysene-d12	14.06	240	125940	20.00	ng		-0.02
86) Perylene-d12	15.51	264	100754	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	910287	228.60	ng		0.00
7) Phenol-d6	6.54	99	1205599	233.40	ng		-0.01
23) Nitrobenzene-d5	7.46	82	738400	163.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	249771	214.13	ng		-0.02
44) 2-Fluorobiphenyl	9.27	172	1271673	174.20	ng		-0.01
78) Terphenyl-d14	13.01	244	951878	170.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	133127	67.00	ng		98
3) Pyridine	3.34	79	320672	67.98	ng		98
4) n-Nitrosodimethylamine	3.27	42	157584	72.34	ng		98
6) Aniline	6.56	93	440629	61.80	ng		99
8) 2-Chlorophenol	6.69	128	381382	81.69	ng		97
9) Benzaldehyde	6.45	77	76514	26.53	ng		94
10) Phenol	6.55	94	539789	93.23	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	374566	84.13	ng		96
12) 1,3-Dichlorobenzene	6.85	146	380341	73.50	ng		99
13) 1,4-Dichlorobenzene	6.92	146	376407	72.62	ng		98
14) 1,2-Dichlorobenzene	7.08	146	377017	82.88	ng		97
15) Benzyl Alcohol	7.04	79	294170	79.74	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	440122	72.59	ng		99
17) 2-Methylphenol	7.16	107	290967	74.44	ng		96
18) Hexachloroethane	7.42	117	144895	76.20	ng		94
19) n-Nitroso-di-n-propylamine	7.32	70	225547	72.92	ng	#	92
20) 3+4-Methylphenols	7.32	107	368512	87.95	ng	#	72
22) Acetophenone	7.32	105	468626	71.47	ng	#	97
24) Nitrobenzene	7.49	77	396101	77.68	ng		95
25) Isophorone	7.73	82	701713	76.03	ng		98
26) 2-Nitrophenol	7.81	139	207502	84.94	ng		93
27) 2,4-Dimethylphenol	7.84	122	353764	81.42	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	398736	72.26	ng		100
29) 2,4-Dichlorophenol	8.05	162	302969	85.95	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	298181	73.21	ng		99
31) Naphthalene	8.21	128	982812	75.16	ng		99
32) Benzoic acid	7.93	122	100072	40.05	ng		98
33) 4-Chloroaniline	8.25	127	266032	47.30	ng		99
34) Hexachlorobutadiene	8.33	225	160938	75.59	ng		100
35) Caprolactam	8.62	113	92590	80.44	ng		92
36) 4-Chloro-3-methylphenol	8.74	107	341732	84.90	ng		94
37) 2-Methylnaphthalene	8.90	142	721534	87.14	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	262896	66.74	ng		98
40) Hexachlorocyclopentadiene	9.05	237	274216	144.05	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	195404	75.12	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	215847	82.15	ng		95
45) 1,1'-Biphenyl	9.36	154	759221	73.45	ng		99
46) 2-Chloronaphthalene	9.40	162	623197	80.46	ng		100
47) 2-Nitroaniline	9.49	65	206866	88.20	ng	#	81
48) Acenaphthylene	9.81	152	974882	77.80	ng		98
49) Dimethylphthalate	9.67	163	908744	98.35	ng		99
50) 2,6-Dinitrotoluene	9.73	165	150187	73.57	ng		90
51) Acenaphthene	9.98	154	647534	82.20	ng		99
52) 3-Nitroaniline	9.90	138	156295	64.03	ng		100
53) 2,4-Dinitrophenol	10.00	184	124799	108.91	ng	#	61
54) Dibenzofuran	10.15	168	820407	84.77	ng		100
55) 4-Nitrophenol	10.06	139	237973	141.65	ng	#	76
56) 2,4-Dinitrotoluene	10.14	165	205626	80.32	ng	#	66
57) Fluorene	10.49	166	646782	83.81	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	148791	82.47	ng		99
59) Diethylphthalate	10.37	149	712530	79.66	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	280710	70.79	ng		94
61) 4-Nitroaniline	10.52	138	186905	81.44	ng		85
62) Azobenzene	10.64	77	734399	82.68	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	96078	70.19	ng	#	62
65) n-Nitrosodiphenylamine	10.61	169	595443	84.33	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	177186	76.41	ng		96
67) Hexachlorobenzene	11.04	284	186645	78.00	ng	#	89
68) Atrazine	11.13	200	202166	100.05	ng		94
69) Pentachlorophenol	11.24	266	203503	160.44	ng		99
70) Phenanthrene	11.45	178	920112	77.10	ng		99
71) Anthracene	11.51	178	990811	81.51	ng		99
72) Carbazole	11.66	167	836256	81.30	ng		99
73) Di-n-butylphthalate	11.99	149	1102320	86.51	ng		98
74) Fluoranthene	12.64	202	939284	83.72	ng		98
76) Benzidine	12.76	184	249625	63.81	ng		98
77) Pyrene	12.87	202	936797	99.18	ng		99
79) Butylbenzylphthalate	13.49	149	390477	94.54	ng	#	75
80) Benzo(a)anthracene	14.05	228	599689	83.05	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	128987	52.78	ng		98
82) Chrysene	14.09	228	574121	88.40	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	470981	93.48	ng	#	96
84) Di-n-octyl phthalate	14.65	149	706196	96.01	ng		98
85) Indeno(1,2,3-cd)pyrene	16.95	276	583103	94.70	ng		97
87) Benzo(b)fluoranthene	15.09	252	463444m	70.43	ng		
88) Benzo(k)fluoranthene	15.12	252	487591m	94.61	ng		
89) Benzo(a)pyrene	15.45	252	467834	82.30	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	489743	88.19	ng		97
91) Benzo(g,h,i)perylene	17.39	276	504911	89.02	ng		94

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

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