Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085578.D
Acq On : 19 Mar 2016 17:41
Operator : UM/SJ
Sample : H1788-01MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Manual Integrations APPROVED
apatel
3/21/2016 5:08:34 PM

Quant Time: Mar 21 02:22:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	67489	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	280812	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	118389	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	233122	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	158020	20.00	ng		0.00
86) Perylene-d12	15.43	264	116055	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	953690	237.35	ng		0.01
7) Phenol-d6	6.49	99	1137154	220.66	ng		0.00
23) Nitrobenzene-d5	7.42	82	689249	142.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	308707	266.20	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1127100	-20.00	ng		-0.01
78) Terphenyl-d14	12.96	244	1159069	176.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	134064	68.64	ng		98
3) Pyridine	3.25	79	355770	74.18	ng		99
4) n-Nitrosodimethylamine	3.20	42	159027	79.43	ng		97
6) Aniline	6.52	93	379131	54.78	ng		98
8) 2-Chlorophenol	6.64	128	375193	80.72	ng		97
9) Benzaldehyde	6.40	77	73677	28.04	ng		92
10) Phenol	6.50	94	507775	86.51	ng		100
11) bis(2-Chloroethyl)ether	6.60	93	363287	82.10	ng		95
12) 1,3-Dichlorobenzene	6.79	146	370628m	73.17	ng		
13) 1,4-Dichlorobenzene	6.87	146	386612	74.83	ng		98
14) 1,2-Dichlorobenzene	7.03	146	349154	76.11	ng		95
15) Benzyl Alcohol	7.00	79	279527	79.19	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	429613	73.83	ng		99
17) 2-Methylphenol	7.11	107	295819	76.77	ng		99
18) Hexachloroethane	7.36	117	139073	74.55	ng	#	81
19) n-Nitroso-di-n-propylamine	7.27	70	213435	69.34	ng		93
20) 3+4-Methylphenols	7.27	107	360092	80.69	ng		92
22) Acetophenone	7.27	105	462504	69.41	ng	#	95
24) Nitrobenzene	7.44	77	416607	78.67	ng		91
25) Isophorone	7.68	82	708122	73.11	ng		95
26) 2-Nitrophenol	7.76	139	196849	75.22	ng	#	86
27) 2,4-Dimethylphenol	7.80	122	328177	70.91	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	398130	72.26	ng		98
29) 2,4-Dichlorophenol	8.00	162	301561	78.90	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	314774	73.53	ng		96
31) Naphthalene	8.16	128	1031319	72.76	ng		99
32) Benzoic acid	7.90	122	120972	31.26	ng		98
33) 4-Chloroaniline	8.21	127	191184	32.91	ng	#	94
34) Hexachlorobutadiene	8.28	225	154880	67.88	ng		98
35) Caprolactam	8.57	113	98246m	74.71	ng		
36) 4-Chloro-3-methylphenol	8.70	107	335707	75.21	ng		97
37) 2-Methylnaphthalene	8.85	142	662031	76.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	263822	73.46	ng		98
40) Hexachlorocyclopentadiene	9.01	237	281016	173.62	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	209564	85.25	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	216245	86.44	ng		99
45) 1,1'-Biphenyl	9.32	154	740775	72.53	ng		98
46) 2-Chloronaphthalene	9.34	162	564926	75.73	ng		93
47) 2-Nitroaniline	9.44	65	194913	86.37	ng	#	75
48) Acenaphthylene	9.75	152	973419	80.63	ng		99
49) Dimethylphthalate	9.62	163	933684	104.51	ng		99
50) 2,6-Dinitrotoluene	9.68	165	167060	88.58	ng	#	84
51) Acenaphthene	9.92	154	660837	87.22	ng		99
52) 3-Nitroaniline	9.85	138	131574	55.70	ng	#	75
53) 2,4-Dinitrophenol	9.96	184	148868	128.85	ng		87
54) Dibenzofuran	10.10	168	848214	91.94	ng		96
55) 4-Nitrophenol	10.01	139	239424	131.15	ng		93
56) 2,4-Dinitrotoluene	10.08	165	190874	77.30	ng	#	55
57) Fluorene	10.45	166	604907	78.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	167844	93.18	ng		98
59) Diethylphthalate	10.32	149	728399	82.01	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	310634	82.73	ng		89
61) 4-Nitroaniline	10.47	138	182073	78.20	ng		89
62) Azobenzene	10.60	77	768039	90.11	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	115645	77.52	ng	#	73
65) n-Nitrosodiphenylamine	10.55	169	535982	73.81	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	186667	80.15	ng	#	85
67) Hexachlorobenzene	10.98	284	184136	74.42	ng	#	71
68) Atrazine	11.09	200	188767	85.38	ng		93
69) Pentachlorophenol	11.18	266	204500	136.14	ng		99
70) Phenanthrene	11.40	178	941291	76.58	ng		99
71) Anthracene	11.45	178	992454	77.00	ng		99
72) Carbazole	11.60	167	862702	77.59	ng		99
73) Di-n-butylphthalate	11.95	149	1085569	77.97	ng	#	98
74) Fluoranthene	12.59	202	903088	70.17	ng		96
76) Benzidine	12.71	184	230691	43.41	ng		98
77) Pyrene	12.81	202	913310	80.50	ng		99
79) Butylbenzylphthalate	13.43	149	429972	79.50	ng	#	78
80) Benzo(a)anthracene	14.00	228	728856	79.45	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	145053	43.15	ng	#	95
82) Chrysene	14.04	228	678898	76.92	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	547428	81.47	ng	#	97
84) Di-n-octyl phthalate	14.60	149	906786	82.82	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	581241	78.81	ng		99
87) Benzo(b)fluoranthene	15.03	252	646624m	85.39	ng		
88) Benzo(k)fluoranthene	15.05	252	500478m	80.22	ng		
89) Benzo(a)pyrene	15.37	252	535667	83.44	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	486168	90.80	ng		100
91) Benzo(g,h,i)perylene	17.25	276	495029	95.52	ng		98

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

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