Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100179.D
Acq On : 4 Nov 2017 15:36
Operator : SJ/JU
Sample : I6313-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PET-BF010-01MS

Manual Integrations APPROVED
Sohil
11/6/2017 2:26:13 PM

Quant Time: Nov 06 04:32:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	102193	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	428213	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	199371	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	347716	20.00	ng		0.00
75) Chrysene-d12	13.95	240	188620	20.00	ng		0.00
86) Perylene-d12	15.40	264	174180	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	863496	132.66	ng		0.01
7) Phenol-d6	6.43	99	1004190	130.11	ng		0.00
23) Nitrobenzene-d5	7.35	82	585716	88.06	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	225518	124.12	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1121863	86.82	ng		0.00
78) Terphenyl-d14	12.87	244	940600	108.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	98228	34.173	ng	#	88
3) Pyridine	3.31	79	203295m	29.410	ng		
4) n-Nitrosodimethylamine	3.26	42	94008	38.068	ng	#	66
6) Aniline	6.44	93	314523	31.429	ng	#	18
8) 2-Chlorophenol	6.56	128	311151	44.851	ng		89
9) Benzaldehyde	6.33	77	112821	24.462	ng		85
10) Phenol	6.44	94	383300	45.232	ng		86
11) bis(2-Chloroethyl)ether	6.51	93	283554	43.332	ng		92
12) 1,3-Dichlorobenzene	6.70	146	320491m	41.144	ng		
13) 1,4-Dichlorobenzene	6.78	146	328704	41.578	ng		98
14) 1,2-Dichlorobenzene	6.93	146	294621	40.890	ng		97
15) Benzyl Alcohol	6.93	79	214877	43.777	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	338787	46.606	ng	#	31
17) 2-Methylphenol	7.04	107	252496	43.511	ng	#	92
18) Hexachloroethane	7.26	117	108545	41.154	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	192433	42.545	ng		90
20) 3+4-Methylphenols	7.19	107	330433	48.903	ng	#	77
22) Acetophenone	7.19	105	409015	41.950	ng	#	92
24) Nitrobenzene	7.36	77	290786	43.389	ng		89
25) Isophorone	7.59	82	564604	46.780	ng		97
26) 2-Nitrophenol	7.67	139	184838	48.154	ng	#	83
27) 2,4-Dimethylphenol	7.72	122	288628	51.034	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	369799	43.750	ng		99
29) 2,4-Dichlorophenol	7.92	162	287045	48.857	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	268520	42.775	ng		97
31) Naphthalene	8.07	128	887287	42.926	ng		100
32) Benzoic acid	7.89	122	138126	27.747	ng		89
33) 4-Chloroaniline	8.13	127	214797	25.165	ng	#	92
34) Hexachlorobutadiene	8.17	225	132971	41.182	ng		98
35) Caprolactam	8.53	113	95772m	51.836	ng		
36) 4-Chloro-3-methylphenol	8.63	107	271844	45.332	ng		91
37) 2-Methylnaphthalene	8.76	142	624918	45.114	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	258657	40.169	ng		98
40) Hexachlorocyclopentadiene	8.90	237	65030	55.149	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	176237	45.248	ng		100
43) 2,4,5-Trichlorophenol	9.10	196	172497	41.734	ng	#	93
45) 1,1'-Biphenyl	9.22	154	727394	40.330	ng		99
46) 2-Chloronaphthalene	9.25	162	572194	43.684	ng		97
47) 2-Nitroaniline	9.36	65	149076	43.364	ng		89
48) Acenaphthylene	9.66	152	851135	42.189	ng		100
49) Dimethylphthalate	9.53	163	703988	44.589	ng		99
50) 2,6-Dinitrotoluene	9.61	165	150486	45.339	ng	#	78
51) Acenaphthene	9.83	154	509564	41.338	ng		99
52) 3-Nitroaniline	9.78	138	120346	30.772	ng		90
53) 2,4-Dinitrophenol	9.91	184	83252	64.715	ng	#	79
54) Dibenzofuran	10.01	168	761185	43.746	ng		99
55) 4-Nitrophenol	9.97	139	123898	60.632	ng	#	78
56) 2,4-Dinitrotoluene	10.02	165	202296	50.610	ng	#	82
57) Fluorene	10.36	166	604633	41.968	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	137634	47.493	ng	#	89
59) Diethylphthalate	10.23	149	644108	41.776	ng		96
60) 4-Chlorophenyl-phenylether	10.34	204	281648	41.539	ng		92
61) 4-Nitroaniline	10.41	138	158070	42.364	ng		83
62) Azobenzene	10.50	77	537667	41.600	ng		86
64) 4,6-Dinitro-2-methylphenol	10.44	198	78950	36.120	ng	#	76
65) n-Nitrosodiphenylamine	10.47	169	548873	42.761	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	164604	44.966	ng		91
67) Hexachlorobenzene	10.90	284	161697	43.177	ng		94
68) Atrazine	11.00	200	171406	44.456	ng		98
69) Pentachlorophenol	11.11	266	103780	64.853	ng		97
70) Phenanthrene	11.32	178	834974	42.550	ng		98
71) Anthracene	11.37	178	874752	43.916	ng		99
72) Carbazole	11.53	167	799486	42.682	ng		99
73) Di-n-butylphthalate	11.84	149	1001004	41.898	ng		99
74) Fluoranthene	12.51	202	808522	39.647	ng		100
76) Benzidine	12.63	184	258073	31.268	ng		97
77) Pyrene	12.74	202	791501	55.186	ng		100
79) Butylbenzylphthalate	13.34	149	367608	52.049	ng		89
80) Benzo(a)anthracene	13.93	228	514730	43.048	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	127157	29.296	ng		99
82) Chrysene	13.97	228	492115	43.777	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	464885	46.872	ng		98
84) Di-n-octyl phthalate	14.50	149	677235	39.783	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.87	276	534778	51.821	ng		97
87) Benzo(b)fluoranthene	14.98	252	456068	41.466	ng		99
88) Benzo(k)fluoranthene	15.00	252	427309	41.201	ng		98
89) Benzo(a)pyrene	15.34	252	443242	44.863	ng	#	96
90) Dibenzo(a,h)anthracene	16.86	278	442652	50.422	ng		98
91) Benzo(g,h,i)perylene	17.31	276	469899	54.710	ng		98

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

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