Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100510.D
Acq On : 13 Nov 2017 19:07
Operator : SJ/JU
Sample : I6301-07MSD 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-DMSD

Quant Time: Nov 14 02:50:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	79258	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	285181	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	111405	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	176326	20.00	ng		0.00
75) Chrysene-d12	14.06	240	169718	20.00	ng		0.00
86) Perylene-d12	15.54	264	130670	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	236511	47.83	ng		0.00
7) Phenol-d6	6.52	99	272690	44.72	ng		0.00
23) Nitrobenzene-d5	7.45	82	162401	37.65	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	54933	48.39	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	284158	38.84	ng		0.00
78) Terphenyl-d14	12.99	244	211364	28.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	26098	10.831	ng		96
3) Pyridine	3.49	79	71915	10.940	ng		96
4) n-Nitrosodimethylamine	3.42	42	39513	12.380	ng		83
6) Aniline	6.55	93	49602	5.758	ng		96
8) 2-Chlorophenol	6.67	128	79437	15.187	ng		99
9) Benzaldehyde	6.44	77	35669	8.192	ng		97
10) Phenol	6.53	94	101389	15.840	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	72067	13.405	ng		94
12) 1,3-Dichlorobenzene	6.83	146	90828	15.061	ng		98
13) 1,4-Dichlorobenzene	6.91	146	91808	15.041	ng		97
14) 1,2-Dichlorobenzene	7.06	146	88494	15.681	ng		97
15) Benzyl Alcohol	7.03	79	66552	13.986	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	118303	13.758	ng		99
17) 2-Methylphenol	7.13	107	64445	14.417	ng		96
18) Hexachloroethane	7.40	117	18759	9.321	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	53124	12.564	ng		90
20) 3+4-Methylphenols	7.29	107	83126	14.696	ng		93
22) Acetophenone	7.30	105	110395	15.875	ng		99
24) Nitrobenzene	7.47	77	75447	16.994	ng		99
25) Isophorone	7.70	82	138689	15.300	ng		98
26) 2-Nitrophenol	7.79	139	33665	19.739	ng		94
27) 2,4-Dimethylphenol	7.82	122	68710	16.909	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	90017	15.182	ng		96
29) 2,4-Dichlorophenol	8.03	162	64876	16.724	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	71523	17.045	ng		92
31) Naphthalene	8.20	128	231048	16.821	ng		99
33) 4-Chloroaniline	8.24	127	48984	8.567	ng		98
34) Hexachlorobutadiene	8.31	225	41837	16.769	ng		99
35) Caprolactam	8.58	113	16855	12.661	ng		97
36) 4-Chloro-3-methylphenol	8.72	107	61213	14.693	ng		96
37) 2-Methylnaphthalene	8.89	142	145862	15.995	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	67135	18.170	ng	#	96
42) 2,4,6-Trichlorophenol	9.16	196	42144	17.997	ng		95
43) 2,4,5-Trichlorophenol	9.20	196	41982	17.304	ng	#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.35	154	169613	17.603	ng		98
46) 2-Chloronaphthalene	9.37	162	123531	17.672	ng		96
47) 2-Nitroaniline	9.47	65	36128	19.261	ng		94
48) Acenaphthylene	9.79	152	189853	16.389	ng		100
49) Dimethylphthalate	9.64	163	196570	23.110	ng		99
50) 2,6-Dinitrotoluene	9.70	165	27418	16.284	ng		95
51) Acenaphthene	9.96	154	109144	15.492	ng		99
52) 3-Nitroaniline	9.87	138	29399	14.787	ng		96
53) 2,4-Dinitrophenol	9.98	184	126	8.051	ng	#	1
54) Dibenzofuran	10.13	168	161464	16.352	ng		100
55) 4-Nitrophenol	10.02	139	38449	23.817	ng		97
56) 2,4-Dinitrotoluene	10.11	165	29930	14.091	ng	#	89
57) Fluorene	10.47	166	124656	17.233	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	29586	14.879	ng	#	86
59) Diethylphthalate	10.34	149	139873	16.432	ng		99
60) 4-Chlorophenyl-phenylether	10.47	204	60414	17.025	ng		89
61) 4-Nitroaniline	10.48	138	29255	15.518	ng		93
62) Azobenzene	10.63	77	130763	16.311	ng		89
64) 4,6-Dinitro-2-methylphenol	10.52	198	792	9.301	ng		99
65) n-Nitrosodiphenylamine	10.58	169	109293	17.826	ng		94
66) 4-Bromophenyl-phenylether	10.96	248	34742	18.380	ng	#	87
67) Hexachlorobenzene	11.02	284	33487	16.939	ng	#	90
68) Atrazine	11.10	200	32230	17.366	ng		95
69) Pentachlorophenol	11.22	266	34317	24.209	ng		97
70) Phenanthrene	11.44	178	202116	21.771	ng		98
71) Anthracene	11.49	178	173714	18.443	ng		98
72) Carbazole	11.65	167	141643	16.298	ng		98
73) Di-n-butylphthalate	11.97	149	177603	17.463	ng		97
74) Fluoranthene	12.63	202	266266	27.062	ng		94
76) Benzidine	12.75	184	68356	10.057	ng		98
77) Pyrene	12.86	202	267729	22.130	ng		99
79) Butylbenzylphthalate	13.47	149	73091	14.814	ng		91
80) Benzo(a)anthracene	14.05	228	213830	20.922	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	51162	13.972	ng	#	96
82) Chrysene	14.08	228	195089	19.712	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	112335	17.311	ng	#	99
84) Di-n-octyl phthalate	14.64	149	189231	16.975	ng		98
85) Indeno(1,2,3-cd)pyrene	17.03	276	119385	14.913	ng	#	91
87) Benzo(b)fluoranthene	15.10	252	172948	22.340	ng		97
88) Benzo(k)fluoranthene	15.13	252	128046	17.505	ng		98
89) Benzo(a)pyrene	15.47	252	139286	20.295	ng		97
90) Dibenzo(a,h)anthracene	17.04	278	86992	15.499	ng	#	94
91) Benzo(g,h,i)perylene	17.48	276	104251	18.975	ng	#	92

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

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