Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100410.D
Acq On : 11 Nov 2017 00:19
Operator : SJ/JU
Sample : I6332-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S22-0029MS

Quant Time: Nov 13 07:13:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178216	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	677809	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	283446	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	445758	20.00	ng		0.00
75) Chrysene-d12	14.07	240	340575	20.00	ng		0.00
86) Perylene-d12	15.55	264	278576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	538881	48.47	ng		0.00
7) Phenol-d6	6.53	99	489294	35.69	ng		0.00
23) Nitrobenzene-d5	7.47	82	1012819	98.79	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	308525	106.82	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1666025	89.50	ng		0.00
78) Terphenyl-d14	13.01	244	1240325	83.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	81181	14.983	ng		94
3) Pyridine	3.53	79	164200	11.108	ng		93
4) n-Nitrosodimethylamine	3.46	42	107578	14.990	ng		97
6) Aniline	6.57	93	319382	16.490	ng		99
8) 2-Chlorophenol	6.69	128	386473	32.859	ng		96
9) Benzaldehyde	6.46	77	217636	22.229	ng	#	21
10) Phenol	6.54	94	193017	13.411	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	474661	39.265	ng		95
12) 1,3-Dichlorobenzene	6.85	146	480466	35.432	ng		99
13) 1,4-Dichlorobenzene	6.92	146	483235	35.210	ng		98
14) 1,2-Dichlorobenzene	7.07	146	450247	35.482	ng		99
15) Benzyl Alcohol	7.04	79	265034	24.770	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	875945	45.304	ng		99
17) 2-Methylphenol	7.15	107	278099	27.669	ng		97
18) Hexachloroethane	7.42	117	149217	32.975	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	348111	36.614	ng		96
20) 3+4-Methylphenols	7.30	107	284467	22.366	ng	#	73
22) Acetophenone	7.32	105	811449	49.095	ng	#	98
24) Nitrobenzene	7.49	77	519808	49.261	ng		96
25) Isophorone	7.73	82	961578	44.633	ng		99
26) 2-Nitrophenol	7.80	139	210443	43.148	ng		95
27) 2,4-Dimethylphenol	7.84	122	463710	48.014	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	634686	45.037	ng		99
29) 2,4-Dichlorophenol	8.05	162	361983	39.261	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	379157	38.018	ng		96
31) Naphthalene	8.21	128	1258908	38.561	ng		100
32) Benzoic acid	7.92	122	58601	15.748	ng	#	82
33) 4-Chloroaniline	8.25	127	253859	18.681	ng		98
34) Hexachlorobutadiene	8.32	225	209247	35.288	ng		98
35) Caprolactam	8.65	113	20661	6.530	ng	#	84
36) 4-Chloro-3-methylphenol	8.73	107	346122	34.954	ng		98
37) 2-Methylnaphthalene	8.90	142	841904	38.843	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	390240	41.513	ng		97
40) Hexachlorocyclopentadiene	9.05	237	52292	11.819	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	260027	43.644 ng		98
43) 2,4,5-Trichlorophenol	9.22	196	259103	41.975 ng	#	94
45) 1,1'-Biphenyl	9.36	154	997886	40.705 ng		99
46) 2-Chloronaphthalene	9.39	162	772625	43.443 ng		97
47) 2-Nitroaniline	9.49	65	264276	50.156 ng		98
48) Acenaphthylene	9.81	152	1144881	38.844 ng		99
49) Dimethylphthalate	9.66	163	978371	45.208 ng		98
50) 2,6-Dinitrotoluene	9.73	165	196616	45.897 ng		91
51) Acenaphthene	9.98	154	684027	38.160 ng		100
52) 3-Nitroaniline	9.89	138	161221	31.871 ng		99
53) 2,4-Dinitrophenol	9.99	184	20091	21.371 ng	#	27
54) Dibenzofuran	10.15	168	1023112	40.723 ng		98
55) 4-Nitrophenol	10.05	139	100331	24.427 ng		95
56) 2,4-Dinitrotoluene	10.13	165	240072	44.423 ng		89
57) Fluorene	10.49	166	726334	39.465 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	196865	38.913 ng		89
59) Diethylphthalate	10.36	149	912687	42.143 ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	368464	40.811 ng		95
61) 4-Nitroaniline	10.51	138	184274	38.418 ng		92
62) Azobenzene	10.65	77	814056	39.909 ng		93
64) 4,6-Dinitro-2-methylphenol	10.53	198	18601	15.359 ng		97
65) n-Nitrosodiphenylamine	10.60	169	715011	46.131 ng		96
66) 4-Bromophenyl-phenylether	10.97	248	234877	49.153 ng	#	84
67) Hexachlorobenzene	11.04	284	234616	46.945 ng	#	85
68) Atrazine	11.13	200	224493	47.849 ng		99
69) Pentachlorophenol	11.23	266	237937	66.395 ng		97
70) Phenanthrene	11.46	178	994581	42.377 ng		98
71) Anthracene	11.50	178	1027112	43.135 ng		99
72) Carbazole	11.66	167	916733	41.725 ng		100
73) Di-n-butylphthalate	11.99	149	1271243	49.443 ng		99
74) Fluoranthene	12.64	202	1022009	41.088 ng		96
76) Benzidine	12.76	184	377597	27.685 ng		99
77) Pyrene	12.87	202	1041407	42.896 ng		99
79) Butylbenzylphthalate	13.49	149	480052	48.486 ng	#	93
80) Benzo(a)anthracene	14.06	228	914103	44.570 ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	307586	41.859 ng		99
82) Chrysene	14.10	228	872177	43.915 ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	664102	50.999 ng		99
84) Di-n-octyl phthalate	14.66	149	1128686	50.454 ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	647531	40.309 ng		96
87) Benzo(b)fluoranthene	15.12	252	741798	44.946 ng		98
88) Benzo(k)fluoranthene	15.14	252	731631	46.917 ng		97
89) Benzo(a)pyrene	15.49	252	662387	45.271 ng		99
90) Dibenzo(a,h)anthracene	17.07	278	542885	45.370 ng		97
91) Benzo(g,h,i)perylene	17.50	276	544095	46.451 ng		96

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

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