Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098719.D
Acq On : 23 Sep 2017 1:59
Operator : SJ/JU
Sample : I5340-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LT-TS-001MSD

Quant Time: Sep 23 04:51:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 10:38:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	163589	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	672066	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	274318	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	389256	20.00	ng		0.00
75) Chrysene-d12	14.09	240	340842	20.00	ng		0.00
86) Perylene-d12	15.59	264	297820	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	527063	48.92	ng		0.00
7) Phenol-d6	6.55	99	628409	48.17	ng		0.00
23) Nitrobenzene-d5	7.49	82	388064	39.17	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	182938	72.92	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	862638	50.04	ng		0.00
78) Terphenyl-d14	13.03	244	793559	49.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	64348	12.645	ng		99
3) Pyridine	3.56	79	222383	16.444	ng		99
4) n-Nitrosodimethylamine	3.49	42	98046	16.546	ng		93
6) Aniline	6.59	93	203052	11.750	ng		99
8) 2-Chlorophenol	6.71	128	174876	14.944	ng		99
9) Benzaldehyde	6.48	77	49127	6.714	ng		99
10) Phenol	6.56	94	221904	15.412	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	168233	15.167	ng		97
12) 1,3-Dichlorobenzene	6.87	146	188777	15.272	ng		99
13) 1,4-Dichlorobenzene	6.95	146	192405	15.379	ng		99
14) 1,2-Dichlorobenzene	7.10	146	181147	15.526	ng		99
15) Benzyl Alcohol	7.06	79	172414	18.316	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	263418	14.902	ng		99
17) 2-Methylphenol	7.17	107	142220	14.915	ng		98
18) Hexachloroethane	7.45	117	58183	13.509	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	165532	20.483	ng		97
20) 3+4-Methylphenols	7.32	107	205256	16.695	ng		95
22) Acetophenone	7.33	105	280150	16.851	ng	#	96
24) Nitrobenzene	7.50	77	189304	16.543	ng		97
25) Isophorone	7.75	82	455519	21.081	ng		99
26) 2-Nitrophenol	7.82	139	88571	21.133	ng		96
27) 2,4-Dimethylphenol	7.85	122	167539	15.788	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	259228	19.279	ng		99
29) 2,4-Dichlorophenol	8.06	162	163076	17.864	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	145297	15.781	ng		98
31) Naphthalene	8.23	128	529109	16.588	ng		99
32) Benzoic acid	7.93	122	73964	15.620	ng		99
33) 4-Chloroaniline	8.27	127	219890	16.581	ng		99
34) Hexachlorobutadiene	8.35	225	73344	14.786	ng		97
35) Caprolactam	8.63	113	75150	26.401	ng		99
36) 4-Chloro-3-methylphenol	8.75	107	220017	21.115	ng		96
37) 2-Methylnaphthalene	8.92	142	404688	19.759	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	150419	18.540	ng		100
40) Hexachlorocyclopentadiene	9.07	237	27353	7.758	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	126869	23.204	ng		100
43) 2,4,5-Trichlorophenol	9.23	196	139099	24.811	ng		97
45) 1,1'-Biphenyl	9.39	154	507009	21.513	ng		98
46) 2-Chloronaphthalene	9.41	162	383653	21.709	ng		99
47) 2-Nitroaniline	9.50	65	137997	27.811	ng		99
48) Acenaphthylene	9.83	152	599903	22.070	ng		100
49) Dimethylphthalate	9.68	163	634939	30.865	ng		99
50) 2,6-Dinitrotoluene	9.74	165	104666	25.784	ng		93
51) Acenaphthene	10.00	154	361069	21.401	ng		99
52) 3-Nitroaniline	9.91	138	115673	23.904	ng		97
53) 2,4-Dinitrophenol	10.02	184	11657	15.020	ng		91
54) Dibenzofuran	10.17	168	538682	23.382	ng		99
55) 4-Nitrophenol	10.06	139	210939	50.093	ng		96
56) 2,4-Dinitrotoluene	10.14	165	136375	25.008	ng		99
57) Fluorene	10.52	166	401313	21.672	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	105654	26.489	ng		99
59) Diethylphthalate	10.38	149	509216	25.259	ng		100
60) 4-Chlorophenyl-phenylether	10.50	204	181885	22.421	ng		98
61) 4-Nitroaniline	10.52	138	121794	26.243	ng		97
62) Azobenzene	10.66	77	433134	22.973	ng		99
64) 4,6-Dinitro-2-methylphenol	10.55	198	12209	14.066	ng		96
65) n-Nitrosodiphenylamine	10.62	169	367632	27.438	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	107449	27.338	ng	#	88
67) Hexachlorobenzene	11.06	284	112623	25.147	ng		92
68) Atrazine	11.14	200	122919	30.498	ng		100
69) Pentachlorophenol	11.25	266	140536	54.900	ng		98
70) Phenanthrene	11.48	178	579448	27.441	ng		98
71) Anthracene	11.53	178	585895	27.212	ng		99
72) Carbazole	11.68	167	601561	28.593	ng		99
73) Di-n-butylphthalate	12.01	149	743556	30.428	ng		99
74) Fluoranthene	12.67	202	633136	30.086	ng		96
77) Pyrene	12.90	202	661507	26.142	ng		100
79) Butylbenzylphthalate	13.51	149	304247	29.063	ng		94
80) Benzo(a)anthracene	14.08	228	631580	30.763	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	145334	19.837	ng		98
82) Chrysene	14.12	228	586963	29.605	ng		98
83) Bis(2-ethylhexyl)phthalate	14.06	149	443250	30.610	ng	#	99
84) Di-n-octyl phthalate	14.68	149	807304	37.122	ng		99
85) Indeno(1,2,3-cd)pyrene	17.10	276	421492	27.405	ng		99
87) Benzo(b)fluoranthene	15.14	252	526186	30.464	ng		98
88) Benzo(k)fluoranthene	15.17	252	526134	30.483	ng		99
89) Benzo(a)pyrene	15.52	252	472212	30.104	ng		97
90) Dibenzo(a,h)anthracene	17.12	278	354418	26.716	ng		100
91) Benzo(g,h,i)perylene	17.56	276	334524	25.085	ng		97

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

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