Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101766.D
Acq On : 27 Dec 2017 17:01
Operator : SJ/JU
Sample : I6957-04 MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-WWMSD

Quant Time: Dec 28 04:32:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	161076	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	627078	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	281135	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	479856	20.00	ng		0.00
75) Chrysene-d12	13.97	240	304896	20.00	ng		0.00
86) Perylene-d12	15.44	264	319296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	895205	82.79	ng		0.01
7) Phenol-d6	6.44	99	993126	73.80	ng		0.00
23) Nitrobenzene-d5	7.36	82	638665	56.69	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	204768	75.59	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1088837	60.08	ng		0.00
78) Terphenyl-d14	12.90	244	872490	68.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	125693	22.621	ng		97
3) Pyridine	3.34	79	290796	18.837	ng		97
4) n-Nitrosodimethylamine	3.28	42	153536	21.600	ng		95
6) Aniline	6.46	93	282371	15.098	ng	#	72
8) 2-Chlorophenol	6.58	128	299825	26.358	ng		98
9) Benzaldehyde	6.35	77	182267	18.339	ng		99
10) Phenol	6.45	94	410773	26.780	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	311787	25.914	ng		94
12) 1,3-Dichlorobenzene	6.73	146	340690	26.537	ng		98
13) 1,4-Dichlorobenzene	6.80	146	352515	26.889	ng		99
14) 1,2-Dichlorobenzene	6.96	146	314234	26.628	ng		98
15) Benzyl Alcohol	6.95	79	239127	25.815	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	515350	27.987	ng		48
17) 2-Methylphenol	7.06	107	238561	22.799	ng	#	86
18) Hexachloroethane	7.29	117	120580	26.454	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	219175	24.799	ng		94
20) 3+4-Methylphenols	7.22	107	333471	30.075	ng		96
22) Acetophenone	7.21	105	430095	30.059	ng		97
24) Nitrobenzene	7.38	77	329005	26.389	ng		99
25) Isophorone	7.62	82	595205	26.338	ng		98
26) 2-Nitrophenol	7.70	139	163784	30.578	ng		97
27) 2,4-Dimethylphenol	7.73	122	247393	27.187	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	380629	26.515	ng		99
29) 2,4-Dichlorophenol	7.95	162	252969	28.139	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	259924	27.397	ng		96
31) Naphthalene	8.09	128	870578	27.577	ng		100
33) 4-Chloroaniline	8.16	127	164853	12.015	ng		100
34) Hexachlorobutadiene	8.20	225	151801	27.665	ng		98
35) Caprolactam	8.53	113	81479	26.102	ng		94
36) 4-Chloro-3-methylphenol	8.65	107	260096	26.323	ng		97
37) 2-Methylnaphthalene	8.79	142	579607	28.180	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	273864	28.853	ng		96
40) Hexachlorocyclopentadiene	8.93	237	30263	29.840	ng		95
42) 2,4,6-Trichlorophenol	9.07	196	146552	25.646	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	136544	21.823	ng		96
45) 1,1'-Biphenyl	9.25	154	686912	27.551	ng		99
46) 2-Chloronaphthalene	9.27	162	513256	26.904	ng		98
47) 2-Nitroaniline	9.39	65	167045	25.347	ng		90
48) Acenaphthylene	9.69	152	753076	24.993	ng		99
49) Dimethylphthalate	9.55	163	770054	34.053	ng		99
50) 2,6-Dinitrotoluene	9.63	165	122805	26.720	ng	#	90
51) Acenaphthene	9.86	154	460153	25.418	ng		99
52) 3-Nitroaniline	9.80	138	110993	19.370	ng		98
54) Dibenzofuran	10.03	168	663455	28.838	ng		95
56) 2,4-Dinitrotoluene	10.05	165	164648	31.796	ng	#	96
57) Fluorene	10.38	166	538045	27.646	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	70260	15.630	ng	#	84
59) Diethylphthalate	10.25	149	566310	25.289	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	260964	27.978	ng		94
61) 4-Nitroaniline	10.42	138	101149	17.562	ng		95
62) Azobenzene	10.53	77	790669	34.084	ng		93
65) n-Nitrosodiphenylamine	10.49	169	489752	27.641	ng		96
66) 4-Bromophenyl-phenylether	10.86	248	160568	29.780	ng	#	85
67) Hexachlorobenzene	10.93	284	164730	28.867	ng	#	88
68) Atrazine	11.02	200	153123	28.983	ng		98
69) Pentachlorophenol	11.16	266	4842	8.560	ng		95
70) Phenanthrene	11.35	178	743651	27.867	ng		99
71) Anthracene	11.40	178	726999	26.671	ng		100
72) Carbazole	11.56	167	557809	21.857	ng		99
73) Di-n-butylphthalate	11.87	149	892454	28.811	ng		99
74) Fluoranthene	12.54	202	650891	23.238	ng		99
76) Benzidine	12.67	184	79570	6.179	ng		97
77) Pyrene	12.77	202	627335	27.416	ng		99
79) Butylbenzylphthalate	13.37	149	289086	27.921	ng		96
80) Benzo(a)anthracene	13.96	228	392753	19.508	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	111265	16.949	ng		97
82) Chrysene	14.00	228	392870	20.668	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	443579	33.824	ng		99
84) Di-n-octyl phthalate	14.53	149	684062	29.248	ng		97
85) Indeno(1,2,3-cd)pyrene	16.94	276	71519	4.225	ng		98
87) Benzo(b)fluoranthene	15.02	252	245263	12.602	ng		99
88) Benzo(k)fluoranthene	15.04	252	226012	11.944	ng		99
89) Benzo(a)pyrene	15.39	252	175723	9.794	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	71246	4.625	ng		97
91) Benzo(g,h,i)perylene	17.41	276	56903	3.731	ng		97

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

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