Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101040.D
Acq On : 1 Dec 2017 1:33
Operator : SJ/JU
Sample : I6630-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-S001-0001-01MS

Quant Time: Dec 01 04:20:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	58735	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	222016	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	89696	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	137551	20.00	ng		0.00
75) Chrysene-d12	14.03	240	129914	20.00	ng		0.00
86) Perylene-d12	15.50	264	92761	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	339915	95.63	ng		0.01
7) Phenol-d6	6.50	99	416660	96.55	ng		0.01
23) Nitrobenzene-d5	7.42	82	246162	66.14	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	82722	76.77	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	500833	76.40	ng		0.00
78) Terphenyl-d14	12.96	244	364905	61.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	40670	27.670	ng	#	92
3) Pyridine	3.43	79	115067	30.199	ng		97
4) n-Nitrosodimethylamine	3.38	42	63506	34.125	ng	#	91
6) Aniline	6.52	93	97858	17.438	ng		98
8) 2-Chlorophenol	6.65	128	128520	33.162	ng		97
9) Benzaldehyde	6.40	77	49238	18.642	ng		95
10) Phenol	6.51	94	170313	35.493	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	119074	33.083	ng		99
12) 1,3-Dichlorobenzene	6.80	146	147925	32.780	ng		96
13) 1,4-Dichlorobenzene	6.87	146	149552	32.009	ng		97
14) 1,2-Dichlorobenzene	7.03	146	141434	32.455	ng		97
15) Benzyl Alcohol	7.00	79	109475	32.845	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	190602	38.959	ng		95
17) 2-Methylphenol	7.11	107	106470	34.022	ng		95
18) Hexachloroethane	7.36	117	38694	25.778	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	87522	30.115	ng		93
20) 3+4-Methylphenols	7.11	107	106470	26.088	ng		82
22) Acetophenone	7.27	105	172387	32.139	ng	#	92
24) Nitrobenzene	7.44	77	126310	34.628	ng		100
25) Isophorone	7.67	82	231343	36.391	ng		100
26) 2-Nitrophenol	7.76	139	60546	30.237	ng		92
27) 2,4-Dimethylphenol	7.79	122	113192	39.077	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	145991	34.168	ng		100
29) 2,4-Dichlorophenol	8.00	162	108775	34.499	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	118776	34.259	ng		97
31) Naphthalene	8.16	128	362531	33.132	ng		99
33) 4-Chloroaniline	8.21	127	59082	13.438	ng		97
34) Hexachlorobutadiene	8.27	225	70733	33.264	ng		98
35) Caprolactam	8.57	113	29778	30.305	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	103953	31.828	ng		99
37) 2-Methylnaphthalene	8.85	142	243530	32.755	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	111114	34.100	ng	#	96
40) Hexachlorocyclopentadiene	9.00	237	4308	9.264	ng		95
42) 2,4,6-Trichlorophenol	9.13	196	72125	37.759	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	74556	36.509	ng	#	93
45) 1,1'-Biphenyl	9.32	154	280922	34.184	ng		96
46) 2-Chloronaphthalene	9.34	162	215527	36.929	ng		97
47) 2-Nitroaniline	9.44	65	60725	35.168	ng		99
48) Acenaphthylene	9.76	152	315771	32.923	ng		100
49) Dimethylphthalate	9.62	163	278208	38.460	ng		98
50) 2,6-Dinitrotoluene	9.68	165	49167	32.270	ng		87
51) Acenaphthene	9.93	154	181805	31.656	ng		99
52) 3-Nitroaniline	9.85	138	47024	27.445	ng		88
53) 2,4-Dinitrophenol	9.96	184	1229	6.301	ng	#	26
54) Dibenzofuran	10.10	168	270963	32.739	ng		99
55) 4-Nitrophenol	10.02	139	62087	53.731	ng		91
56) 2,4-Dinitrotoluene	10.09	165	57131	27.980	ng	#	90
57) Fluorene	10.45	166	202224	30.057	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	51572	31.541	ng	#	86
59) Diethylphthalate	10.31	149	235762	33.043	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	105416	31.734	ng		89
61) 4-Nitroaniline	10.46	138	43404	24.404	ng		92
62) Azobenzene	10.59	77	182709	30.175	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	3193	3.461	ng		83
65) n-Nitrosodiphenylamine	10.55	169	186236	38.378	ng		96
66) 4-Bromophenyl-phenylether	10.92	248	59808	38.845	ng	#	89
67) Hexachlorobenzene	10.99	284	58355	35.364	ng	#	86
68) Atrazine	11.07	200	54263	36.454	ng		99
69) Pentachlorophenol	11.19	266	52535	57.902	ng		96
70) Phenanthrene	11.40	178	257664	34.016	ng		98
71) Anthracene	11.46	178	265484	34.629	ng		98
72) Carbazole	11.62	167	223710	31.938	ng		98
73) Di-n-butylphthalate	11.93	149	304663	34.701	ng		98
74) Fluoranthene	12.60	202	273190	32.536	ng		95
77) Pyrene	12.83	202	283298	31.602	ng		98
79) Butylbenzylphthalate	13.43	149	126696	32.056	ng		94
80) Benzo(a)anthracene	14.02	228	270918	33.028	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	67403	23.727	ng	#	98
82) Chrysene	14.05	228	252815	33.187	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	221894	39.375	ng		99
84) Di-n-octyl phthalate	14.60	149	310461	33.088	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	159042	23.483	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	201918	36.341	ng		97
88) Benzo(k)fluoranthene	15.10	252	197530	36.085	ng	#	97
89) Benzo(a)pyrene	15.44	252	169781	33.612	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	132548	29.765	ng	#	95
91) Benzo(g,h,i)perylene	17.44	276	128682	30.663	ng	#	88

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

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