Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099546.D
Acq On : 16 Oct 2017 16:03
Operator : SJ/JU
Sample : I5782-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1(1-3)MS

Quant Time: Oct 17 12:11:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103010	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	409032	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	169008	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	241717	20.00	ng		0.00
75) Chrysene-d12	14.02	240	181917	20.00	ng		0.00
86) Perylene-d12	15.49	264	204386	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	451203	69.73	ng		0.00
7) Phenol-d6	6.48	99	560612	70.23	ng		0.00
23) Nitrobenzene-d5	7.41	82	343790	53.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	75032	54.26	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	649089	64.12	ng		-0.01
78) Terphenyl-d14	12.95	244	398160	49.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	58453	18.910	ng		95
4) n-Nitrosodimethylamine	3.38	42	57758	16.289	ng	#	77
6) Aniline	6.52	93	28758	2.669	ng		92
8) 2-Chlorophenol	6.63	128	156699	21.384	ng		93
9) Benzaldehyde	6.40	77	58112	12.550	ng		95
10) Phenol	6.49	94	224316	25.126	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	153514	22.119	ng		96
12) 1,3-Dichlorobenzene	6.79	146	179160	23.345	ng		96
13) 1,4-Dichlorobenzene	6.86	146	182413	23.362	ng		97
14) 1,2-Dichlorobenzene	7.02	146	171354	23.750	ng		97
15) Benzyl Alcohol	6.99	79	122067	20.845	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	214503	19.837	ng		92
17) 2-Methylphenol	7.10	107	127025	21.185	ng		98
18) Hexachloroethane	7.35	117	59803	21.308	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	101801	19.975	ng		96
20) 3+4-Methylphenols	7.25	107	158568	20.905	ng	#	57
22) Acetophenone	7.25	105	219924	22.192	ng	#	97
24) Nitrobenzene	7.43	77	159558	22.053	ng		94
25) Isophorone	7.66	82	286769	21.747	ng		99
26) 2-Nitrophenol	7.75	139	69089	19.857	ng		91
27) 2,4-Dimethylphenol	7.78	122	115961	17.649	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	189843	23.101	ng		99
29) 2,4-Dichlorophenol	7.99	162	114748	20.341	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	138408	24.531	ng		98
31) Naphthalene	8.15	128	460534	23.973	ng		99
32) Benzoic acid	7.78	122	115961	21.485	ng	#	13
33) 4-Chloroaniline	8.20	127	63656	7.935	ng		95
34) Hexachlorobutadiene	8.26	225	68643	23.620	ng		97
35) Caprolactam	8.55	113	9085	5.020	ng		93
36) 4-Chloro-3-methylphenol	8.68	107	122322	19.291	ng		94
37) 2-Methylnaphthalene	8.84	142	309937	24.818	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	121302	24.066	ng		98
40) Hexachlorocyclopentadiene	8.99	237	19599	8.509	ng		96
42) 2,4,6-Trichlorophenol	9.12	196	61460	17.212	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	56438	15.834	ng		98
45) 1,1'-Biphenyl	9.30	154	355171	24.452	ng		97
46) 2-Chloronaphthalene	9.33	162	271336	24.880	ng		98
47) 2-Nitroaniline	9.43	65	71376	21.374	ng		98
48) Acenaphthylene	9.75	152	394756	23.645	ng		99
49) Dimethylphthalate	9.60	163	443717	34.786	ng		100
50) 2,6-Dinitrotoluene	9.67	165	64426	23.200	ng		89
51) Acenaphthene	9.92	154	230595	21.805	ng		99
52) 3-Nitroaniline	9.84	138	65120	20.111	ng		91
54) Dibenzofuran	10.09	168	343646	24.405	ng		99
55) 4-Nitrophenol	10.01	139	43898	16.033	ng		90
56) 2,4-Dinitrotoluene	10.07	165	76537	21.236	ng	#	98
57) Fluorene	10.43	166	262272	23.174	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	26404	10.723	ng		98
59) Diethylphthalate	10.30	149	284142	22.797	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	122931	24.181	ng		97
61) 4-Nitroaniline	10.45	138	59472	19.038	ng		87
62) Azobenzene	10.58	77	277111	24.180	ng		92
65) n-Nitrosodiphenylamine	10.54	169	219097	26.165	ng		98
66) 4-Bromophenyl-phenylether	10.91	248	63648	26.901	ng		92
67) Hexachlorobenzene	10.98	284	59807	23.667	ng		94
68) Atrazine	11.06	200	63415	25.171	ng		99
69) Pentachlorophenol	11.18	266	6938	4.412	ng		95
70) Phenanthrene	11.39	178	324110	25.050	ng		99
71) Anthracene	11.45	178	331252	25.022	ng		98
72) Carbazole	11.60	167	293214	22.617	ng		99
73) Di-n-butylphthalate	11.92	149	382116	24.488	ng		98
74) Fluoranthene	12.59	202	295454	22.551	ng		97
77) Pyrene	12.82	202	303613	21.887	ng		99
79) Butylbenzylphthalate	13.42	149	138700	21.275	ng		93
80) Benzo(a)anthracene	14.00	228	262184	23.801	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	73368	18.169	ng		96
82) Chrysene	14.04	228	254175	24.236	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	205673	22.911	ng		98
84) Di-n-octyl phthalate	14.59	149	364230	25.198	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	283916	33.843	ng		95
87) Benzo(b)fluoranthene	15.06	252	275461	21.920	ng		97
88) Benzo(k)fluoranthene	15.09	252	275650	22.208	ng		99
89) Benzo(a)pyrene	15.43	252	275640	23.896	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	242928	26.315	ng		96
91) Benzo(g,h,i)perylene	17.42	276	227768	24.960	ng		95

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

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