Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099547.D
Acq On : 16 Oct 2017 16:31
Operator : SJ/JU
Sample : I5782-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 17 12:11:49 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	96050	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	393057	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	167106	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	253408	20.00	ng		0.00
75) Chrysene-d12	14.02	240	167536	20.00	ng		0.00
86) Perylene-d12	15.49	264	182615	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	519551	86.11	ng		0.00
7) Phenol-d6	6.48	99	645506	86.72	ng		0.00
23) Nitrobenzene-d5	7.41	82	392971	64.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	102201	74.74	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	751750	75.10	ng		-0.01
78) Terphenyl-d14	12.95	244	479638	65.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	70411	24.430	ng		96
4) n-Nitrosodimethylamine	3.39	42	73868	22.342	ng	#	80
6) Aniline	6.51	93	38785	3.861	ng	#	82
8) 2-Chlorophenol	6.63	128	191052	27.961	ng		93
9) Benzaldehyde	6.40	77	68675	15.906	ng		99
10) Phenol	6.49	94	264346	31.756	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	185024	28.591	ng		97
12) 1,3-Dichlorobenzene	6.79	146	214808	30.018	ng		95
13) 1,4-Dichlorobenzene	6.86	146	214584	29.473	ng		96
14) 1,2-Dichlorobenzene	7.02	146	205411	30.534	ng		97
15) Benzyl Alcohol	6.99	79	148728	27.238	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	256249	25.415	ng		91
17) 2-Methylphenol	7.10	107	156785	28.043	ng		97
18) Hexachloroethane	7.35	117	73221	27.979	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	122244	25.724	ng		95
20) 3+4-Methylphenols	7.25	107	190431	26.924	ng	#	66
22) Acetophenone	7.26	105	259265	27.225	ng		99
24) Nitrobenzene	7.43	77	191495	27.543	ng		96
25) Isophorone	7.66	82	343361	27.096	ng		100
26) 2-Nitrophenol	7.75	139	82205	24.588	ng		90
27) 2,4-Dimethylphenol	7.78	122	154958	24.542	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	231148	29.271	ng		98
29) 2,4-Dichlorophenol	7.99	162	141876	26.172	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	166763	30.757	ng		99
31) Naphthalene	8.15	128	554465	30.035	ng		100
32) Benzoic acid	7.78	122	154958	29.877	ng	#	13
33) 4-Chloroaniline	8.20	127	92571	12.008	ng	#	93
34) Hexachlorobutadiene	8.26	225	83058	29.742	ng		98
35) Caprolactam	8.56	113	11814	6.794	ng		86
36) 4-Chloro-3-methylphenol	8.68	107	153179	25.139	ng		94
37) 2-Methylnaphthalene	8.84	142	374790	31.230	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	149367	29.972	ng		98
40) Hexachlorocyclopentadiene	8.99	237	34882	15.316	ng		96
42) 2,4,6-Trichlorophenol	9.12	196	83381	23.617	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	75827	21.515	ng		97
45) 1,1'-Biphenyl	9.30	154	434633	30.263	ng		99
46) 2-Chloronaphthalene	9.33	162	335560	31.119	ng		97
47) 2-Nitroaniline	9.43	65	90929	27.539	ng	#	80
48) Acenaphthylene	9.75	152	495039	29.989	ng		99
49) Dimethylphthalate	9.60	163	532102	42.189	ng		99
50) 2,6-Dinitrotoluene	9.67	165	82319	29.980	ng		95
51) Acenaphthene	9.92	154	292065	27.932	ng		99
52) 3-Nitroaniline	9.85	138	85137	26.592	ng		87
54) Dibenzofuran	10.09	168	438021	31.462	ng		99
55) 4-Nitrophenol	10.01	139	62063	22.926	ng		88
56) 2,4-Dinitrotoluene	10.08	165	101232	28.408	ng		89
57) Fluorene	10.43	166	338956	30.290	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	42805	17.582	ng		99
59) Diethylphthalate	10.30	149	358652	29.102	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	155110	30.857	ng		93
61) 4-Nitroaniline	10.46	138	81389	26.350	ng		87
62) Azobenzene	10.58	77	348628	30.766	ng		93
65) n-Nitrosodiphenylamine	10.54	169	289368	32.962	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	84951	34.248	ng		92
67) Hexachlorobenzene	10.98	284	80692	30.459	ng		96
68) Atrazine	11.06	200	87663	33.190	ng		99
69) Pentachlorophenol	11.18	266	15586	9.453	ng		93
70) Phenanthrene	11.40	178	428448	31.587	ng		99
71) Anthracene	11.44	178	440518	31.740	ng		100
72) Carbazole	11.60	167	392531	28.881	ng		98
73) Di-n-butylphthalate	11.92	149	515723	31.525	ng		98
74) Fluoranthene	12.59	202	379510	27.630	ng		97
77) Pyrene	12.82	202	384149	30.070	ng		99
79) Butylbenzylphthalate	13.42	149	178289	29.695	ng		94
80) Benzo(a)anthracene	14.00	228	310120	30.570	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	89292	24.010	ng		99
82) Chrysene	14.04	228	300625	31.126	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	250907	30.349	ng	#	98
84) Di-n-octyl phthalate	14.59	149	424717	31.905	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.98	276	332463	43.032	ng		96
87) Benzo(b)fluoranthene	15.06	252	313140	27.889	ng		98
88) Benzo(k)fluoranthene	15.09	252	319221	28.785	ng		99
89) Benzo(a)pyrene	15.43	252	315880	30.649	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	282234	34.218	ng		97
91) Benzo(g,h,i)perylene	17.43	276	266729	32.715	ng		98

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

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