Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101672.D
Acq On : 22 Dec 2017 23:43
Operator : SJ/JU
Sample : I6966-04MSD 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MSD

Manual Integrations APPROVED
Sohil
12/26/2017 1:37:37 PM

Quant Time: Dec 23 00:45:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141569	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	531189	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	214589	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	337330	20.00	ng		0.00
75) Chrysene-d12	13.97	240	232431	20.00	ng		0.00
86) Perylene-d12	15.44	264	236989	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	101739	10.70	ng		0.02
7) Phenol-d6	6.43	99	138238	11.69	ng		0.00
23) Nitrobenzene-d5	7.36	82	77766	8.15	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	21212	10.26	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	148233	10.72	ng		0.00
78) Terphenyl-d14	12.90	244	97967	10.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	14441	2.957	ng		99
4) n-Nitrosodimethylamine	3.32	42	15305m	2.450	ng		
8) 2-Chlorophenol	6.58	128	37305	3.731	ng		94
9) Benzaldehyde	6.37	77	20491	2.346	ng		98
10) Phenol	6.46	94	47399	3.516	ng		90
11) bis(2-Chloroethyl)ether	6.52	93	34163	3.231	ng		94
12) 1,3-Dichlorobenzene	6.73	146	39404	3.492	ng		98
13) 1,4-Dichlorobenzene	6.80	146	41617	3.612	ng		99
14) 1,2-Dichlorobenzene	6.96	146	39421	3.801	ng		96
15) Benzyl Alcohol	6.96	79	30834	3.787	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	65661	4.057	ng		60
17) 2-Methylphenol	7.06	107	29216	3.177	ng	#	76
18) Hexachloroethane	7.29	117	10518	2.626	ng		94
19) n-Nitroso-di-n-propylamine	7.19	70	29658	3.818	ng		97
20) 3+4-Methylphenols	7.23	107	42558	4.367	ng		95
22) Acetophenone	7.21	105	57872	4.775	ng	#	98
24) Nitrobenzene	7.39	77	38351	3.631	ng		99
25) Isophorone	7.61	82	75947	3.967	ng		98
26) 2-Nitrophenol	7.71	139	12175	2.683	ng		96
27) 2,4-Dimethylphenol	7.74	122	30064	3.900	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	47797	3.931	ng		100
29) 2,4-Dichlorophenol	7.98	162	28929	3.799	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	30801	3.833	ng		98
31) Naphthalene	8.09	128	105554	3.947	ng		99
33) 4-Chloroaniline	8.17	127	24760	2.130	ng		96
34) Hexachlorobutadiene	8.20	225	18062	3.886	ng		96
35) Caprolactam	8.50	113	8710	3.294	ng	#	79
36) 4-Chloro-3-methylphenol	8.65	107	30738	3.672	ng		95
37) 2-Methylnaphthalene	8.79	142	70576	4.051	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	31082	4.290	ng		97
42) 2,4,6-Trichlorophenol	9.08	196	18457	4.232	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	18901	3.958	ng		96
45) 1,1'-Biphenyl	9.25	154	83298	4.377	ng		97
46) 2-Chloronaphthalene	9.27	162	61444	4.220	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.39	65	23123	4.597	ng	#	82
48) Acenaphthylene	9.69	152	90096	3.917	ng		99
49) Dimethylphthalate	9.54	163	77383	4.483	ng	#	98
50) 2,6-Dinitrotoluene	9.62	165	11974	3.413	ng	#	89
51) Acenaphthene	9.86	154	53812	3.894	ng		99
52) 3-Nitroaniline	9.80	138	16309	3.729	ng		90
54) Dibenzofuran	10.03	168	77218	4.397	ng		97
56) 2,4-Dinitrotoluene	10.05	165	16041	4.058	ng	#	86
57) Fluorene	10.37	166	63302	4.261	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	13113	3.822	ng	#	87
59) Diethylphthalate	10.23	149	68907	4.031	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	30040	4.219	ng		90
61) 4-Nitroaniline	10.42	138	16639	3.785	ng		98
62) Azobenzene	10.52	77	63168	3.567	ng		99
65) n-Nitrosodiphenylamine	10.48	169	56905	4.569	ng		95
66) 4-Bromophenyl-phenylether	10.85	248	16000	4.221	ng		95
67) Hexachlorobenzene	10.93	284	15500	3.864	ng		96
68) Atrazine	11.00	200	18058	4.862	ng		99
69) Pentachlorophenol	11.15	266	5269	9.657	ng		94
70) Phenanthrene	11.34	178	83975	4.476	ng		99
71) Anthracene	11.39	178	79624	4.155	ng		97
72) Carbazole	11.56	167	68356	3.810	ng		96
73) Di-n-butylphthalate	11.86	149	115114	5.286	ng		99
74) Fluoranthene	12.54	202	75641	3.841	ng		94
77) Pyrene	12.77	202	75914	4.352	ng		96
79) Butylbenzylphthalate	13.37	149	30381	3.849	ng	#	86
80) Benzo(a)anthracene	13.96	228	60841	3.964	ng	#	96
81) 3,3'-Dichlorobenzidine	13.92	252	16287	3.255	ng	#	79
82) Chrysene	14.00	228	61661m	4.255	ng		
83) Bis(2-ethylhexyl)phthalate	13.92	149	37948	3.796	ng	#	85
84) Di-n-octyl phthalate	14.54	149	71745	4.024	ng	#	75
85) Indeno(1,2,3-cd)pyrene	16.93	276	55351	4.289	ng		97
87) Benzo(b)fluoranthene	15.02	252	55839	3.866	ng	#	44
88) Benzo(k)fluoranthene	15.04	252	51271	3.651	ng	#	57
89) Benzo(a)pyrene	15.39	252	49135	3.690	ng	#	50
90) Dibenzo(a,h)anthracene	16.92	278	45680	3.995	ng	#	81
91) Benzo(g,h,i)perylene	17.38	276	43683	3.859	ng		94

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

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