Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098910.D
Acq On : 28 Sep 2017 15:58
Operator : SJ/JU
Sample : I5447-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-EPE-116-5B(10-12)MSD

Quant Time: Sep 29 00:42:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132782	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	534725	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	216727	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	318127	20.00	ng		0.00
75) Chrysene-d12	14.09	240	238977	20.00	ng		0.00
86) Perylene-d12	15.57	264	171954	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	968360	116.10	ng		0.00
7) Phenol-d6	6.55	99	1194703	116.11	ng		0.00
23) Nitrobenzene-d5	7.48	82	705463	84.61	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	181805	102.52	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1065282	82.06	ng		0.00
78) Terphenyl-d14	13.03	244	737512	70.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	127153	31.912	ng		98
3) Pyridine	3.53	79	371837	34.497	ng		97
4) n-Nitrosodimethylamine	3.48	42	184454	40.356	ng		99
6) Aniline	6.58	93	362015	26.068	ng		99
8) 2-Chlorophenol	6.70	128	371023	39.279	ng		98
9) Benzaldehyde	6.47	77	80121	13.423	ng		97
10) Phenol	6.56	94	488298	42.432	ng		99
11) bis(2-Chloroethyl)ether	6.65	93	377472	42.193	ng		100
12) 1,3-Dichlorobenzene	6.86	146	367344	37.133	ng		98
13) 1,4-Dichlorobenzene	6.93	146	375639	37.321	ng		100
14) 1,2-Dichlorobenzene	7.09	146	351371	37.782	ng		97
15) Benzyl Alcohol	7.06	79	315748	41.829	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	543261	38.976	ng		98
17) 2-Methylphenol	7.17	107	308882	39.964	ng		99
18) Hexachloroethane	7.43	117	110925	30.661	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	243858	37.120	ng		99
20) 3+4-Methylphenols	7.32	107	378153	38.675	ng	#	74
22) Acetophenone	7.33	105	491895	37.968	ng	#	98
24) Nitrobenzene	7.50	77	384159	40.615	ng		95
25) Isophorone	7.74	82	671184	38.934	ng		99
26) 2-Nitrophenol	7.82	139	164473	36.161	ng		95
27) 2,4-Dimethylphenol	7.85	122	317619	36.977	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	436260	40.608	ng		99
29) 2,4-Dichlorophenol	8.06	162	290831	39.435	ng		98
30) 1,2,4-Trichlorobenzene	8.14	180	287293	38.949	ng		98
31) Naphthalene	8.22	128	987103	39.305	ng		100
32) Benzoic acid	7.91	122	19517	2.766	ng		98
33) 4-Chloroaniline	8.27	127	285659	27.238	ng		99
34) Hexachlorobutadiene	8.33	225	141407	37.220	ng		99
35) Caprolactam	8.63	113	90532	38.269	ng		94
36) 4-Chloro-3-methylphenol	8.74	107	304640	36.751	ng		98
37) 2-Methylnaphthalene	8.91	142	656348	40.202	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	251306	38.881	ng		99
40) Hexachlorocyclopentadiene	9.06	237	42746	14.472	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	185109	40.427 ng		98
43) 2,4,5-Trichlorophenol	9.23	196	185649	40.616 ng		96
45) 1,1'-Biphenyl	9.37	154	737090	39.572 ng		99
46) 2-Chloronaphthalene	9.40	162	574525	41.081 ng		98
47) 2-Nitroaniline	9.50	65	198147	46.272 ng		99
48) Acenaphthylene	9.82	152	828582	38.703 ng		100
49) Dimethylphthalate	9.67	163	899799	55.009 ng		100
50) 2,6-Dinitrotoluene	9.74	165	139131	39.070 ng		93
51) Acenaphthene	9.99	154	492392	36.308 ng		100
52) 3-Nitroaniline	9.91	138	155589	37.471 ng		89
53) 2,4-Dinitrophenol	10.01	184	4581	8.119 ng	#	81
54) Dibenzofuran	10.16	168	740608	41.016 ng		99
55) 4-Nitrophenol	10.06	139	224250	63.870 ng		98
56) 2,4-Dinitrotoluene	10.14	165	165824	35.880 ng		100
57) Fluorene	10.50	166	543535	37.451 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	125595	39.776 ng		97
59) Diethylphthalate	10.37	149	646391	40.441 ng		100
60) 4-Chlorophenyl-phenylether	10.49	204	256195	39.298 ng		99
61) 4-Nitroaniline	10.52	138	148958	37.184 ng		92
62) Azobenzene	10.66	77	584604	39.779 ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	6374	3.293 ng		94
65) n-Nitrosodiphenylamine	10.62	169	493519	44.780 ng		99
66) 4-Bromophenyl-phenylether	10.99	248	136698	43.899 ng		94
67) Hexachlorobenzene	11.05	284	129191	38.845 ng		95
68) Atrazine	11.13	200	138054	41.635 ng		99
69) Pentachlorophenol	11.24	266	135609	65.516 ng		99
70) Phenanthrene	11.47	178	723121	42.465 ng		99
71) Anthracene	11.52	178	728462	41.810 ng		99
72) Carbazole	11.67	167	659958	38.680 ng		100
73) Di-n-butylphthalate	12.00	149	865809	42.158 ng		99
74) Fluoranthene	12.66	202	726655	42.141 ng		99
76) Benzidine	12.77	184	47703	5.397 ng		98
77) Pyrene	12.89	202	743792	40.816 ng		100
79) Butylbenzylphthalate	13.50	149	341943	39.926 ng		95
80) Benzo(a)anthracene	14.07	228	595490	41.152 ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	149133	28.113 ng		97
82) Chrysene	14.11	228	563864	40.929 ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	498048	42.234 ng	#	99
84) Di-n-octyl phthalate	14.66	149	831358	43.782 ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	367262	33.325 ng		97
87) Benzo(b)fluoranthene	15.14	252	463181	43.810 ng		98
88) Benzo(k)fluoranthene	15.17	252	428758	41.059 ng		99
89) Benzo(a)pyrene	15.52	252	399894	41.206 ng		98
90) Dibenzo(a,h)anthracene	17.11	278	304388	39.192 ng		97
91) Benzo(g,h,i)perylene	17.56	276	297391	38.737 ng		96

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

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