Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098797.D
Acq On : 25 Sep 2017 22:01
Operator : SJ/JU
Sample : I5388-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MSD

Manual Integrations APPROVED
Sohil
9/26/2017 4:58:38 PM

Quant Time: Sep 26 07:19:38 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	136080	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	589005	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	282391	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	511842	20.00	ng		0.00
75) Chrysene-d12	14.08	240	363740	20.00	ng		0.00
86) Perylene-d12	15.57	264	272960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1058654	123.84	ng		0.00
7) Phenol-d6	6.55	99	1329573	126.08	ng		0.00
23) Nitrobenzene-d5	7.48	82	815112	88.75	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	304872	131.94	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1489666	88.06	ng		0.00
78) Terphenyl-d14	13.03	244	1363618	85.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	145473	35.625	ng		97
3) Pyridine	3.55	79	417514	37.796	ng		99
4) n-Nitrosodimethylamine	3.49	42	198212	42.315	ng		95
6) Aniline	6.58	93	545031	38.295	ng		99
8) 2-Chlorophenol	6.70	128	419734	43.358	ng		95
9) Benzaldehyde	6.46	77	101580	16.606	ng		99
10) Phenol	6.56	94	548047	46.470	ng		96
11) bis(2-Chloroethyl)ether	6.65	93	402027	43.849	ng		99
12) 1,3-Dichlorobenzene	6.86	146	422512	41.675	ng		99
13) 1,4-Dichlorobenzene	6.93	146	426866	41.383	ng		99
14) 1,2-Dichlorobenzene	7.09	146	406157	42.614	ng		99
15) Benzyl Alcohol	7.05	79	370575	47.902	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	637453	44.625	ng		99
17) 2-Methylphenol	7.16	107	362863	45.811	ng		98
18) Hexachloroethane	7.43	117	152607	41.160	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	292193	43.399	ng		97
20) 3+4-Methylphenols	7.32	107	450369	44.945	ng	#	85
22) Acetophenone	7.33	105	576388	40.390	ng	#	95
24) Nitrobenzene	7.50	77	443872	42.604	ng		99
25) Isophorone	7.74	82	827824	43.595	ng		98
26) 2-Nitrophenol	7.81	139	237024	47.309	ng		98
27) 2,4-Dimethylphenol	7.85	122	411958	43.540	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	524556	44.327	ng		100
29) 2,4-Dichlorophenol	8.05	162	362575	44.633	ng		97
30) 1,2,4-Trichlorobenzene	8.14	180	347334	42.750	ng		98
31) Naphthalene	8.22	128	1193531	43.145	ng		100
32) Benzoic acid	7.96	122	232817	29.956	ng		97
33) 4-Chloroaniline	8.26	127	430584	37.273	ng		99
34) Hexachlorobutadiene	8.33	225	172277	41.167	ng		99
35) Caprolactam	8.64	113	140076m	53.755	ng		
36) 4-Chloro-3-methylphenol	8.75	107	408193	44.705	ng		98
37) 2-Methylnaphthalene	8.91	142	844759	46.974	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	318289	37.794	ng		99
40) Hexachlorocyclopentadiene	9.06	237	339330	88.167	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	257085	43.090	ng		100
43) 2,4,5-Trichlorophenol	9.23	196	265847	44.637	ng		96
45) 1,1'-Biphenyl	9.37	154	970613	39.993	ng		99
46) 2-Chloronaphthalene	9.40	162	765316	41.999	ng		97
47) 2-Nitroaniline	9.49	65	258485	46.326	ng		97
48) Acenaphthylene	9.82	152	1190293	42.670	ng		100
49) Dimethylphthalate	9.67	163	1087128	51.007	ng		99
50) 2,6-Dinitrotoluene	9.74	165	211277	45.533	ng		88
51) Acenaphthene	9.99	154	819780	46.393	ng		100
52) 3-Nitroaniline	9.90	138	212854	39.342	ng		97
53) 2,4-Dinitrophenol	10.01	184	196903	81.398	ng		96
54) Dibenzofuran	10.16	168	1061602	45.122	ng		99
55) 4-Nitrophenol	10.06	139	419500	91.698	ng		96
56) 2,4-Dinitrotoluene	10.14	165	288411	47.893	ng		98
57) Fluorene	10.50	166	816476	43.176	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	203994	49.583	ng		99
59) Diethylphthalate	10.37	149	925022	44.416	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	362586	42.685	ng		99
61) 4-Nitroaniline	10.52	138	241492	46.266	ng		96
62) Azobenzene	10.66	77	895153	46.746	ng		95
64) 4,6-Dinitro-2-methylphenol	10.55	198	139173	44.690	ng		82
65) n-Nitrosodiphenylamine	10.62	169	759180	42.815	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	218544	43.621	ng		90
67) Hexachlorobenzene	11.05	284	219481	41.017	ng		98
68) Atrazine	11.14	200	228375	42.808	ng		99
69) Pentachlorophenol	11.24	266	264164	79.323	ng		98
70) Phenanthrene	11.47	178	1203988	43.945	ng		99
71) Anthracene	11.52	178	1224522	43.682	ng		100
72) Carbazole	11.67	167	1198491	43.658	ng		99
73) Di-n-butylphthalate	12.00	149	1443636	43.690	ng		99
74) Fluoranthene	12.66	202	1265850	45.628	ng		98
76) Benzidine	12.77	184	622253	46.252	ng		98
77) Pyrene	12.89	202	1296343	46.738	ng		99
79) Butylbenzylphthalate	13.50	149	642788	49.311	ng		93
80) Benzo(a)anthracene	14.07	228	982083	44.589	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	301379	37.326	ng		98
82) Chrysene	14.11	228	914212	43.598	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	879104	48.977	ng		100
84) Di-n-octyl phthalate	14.66	149	1377512	47.661	ng		97
85) Indeno(1,2,3-cd)pyrene	17.07	276	723534	43.134	ng		96
87) Benzo(b)fluoranthene	15.13	252	770106	45.887	ng		98
88) Benzo(k)fluoranthene	15.16	252	726498	43.827	ng		99
89) Benzo(a)pyrene	15.51	252	693943	45.046	ng	#	96
90) Dibenzo(a,h)anthracene	17.10	278	595125	48.271	ng		97
91) Benzo(g,h,i)perylene	17.54	276	613169	50.314	ng		97

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

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