Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099359.D
Acq On : 11 Oct 2017 22:05
Operator : SJ/JU
Sample : I5710-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Manual Integrations APPROVED
Sohil
10/13/2017 12:07:19 PM

Quant Time: Oct 12 01:25:45 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	106047	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	433364	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	193992	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	326921	20.00	ng		0.00
75) Chrysene-d12	14.02	240	166044	20.00	ng		0.00
86) Perylene-d12	15.48	264	163119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	899401	135.01	ng		0.02
7) Phenol-d6	6.49	99	1085696	132.11	ng		0.00
23) Nitrobenzene-d5	7.42	82	661473	97.89	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	216612	136.46	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1093342	94.09	ng		0.00
78) Terphenyl-d14	12.96	244	796341	109.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	127994	40.222	ng		96
3) Pyridine	3.50	79	131351	15.258	ng		97
4) n-Nitrosodimethylamine	3.42	42	148504	40.681	ng	#	78
6) Aniline	6.52	93	390492	35.207	ng		97
8) 2-Chlorophenol	6.65	128	352766	46.761	ng		92
9) Benzaldehyde	6.40	77	132326	27.759	ng		95
10) Phenol	6.50	94	463373	50.417	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	330368	46.238	ng		98
12) 1,3-Dichlorobenzene	6.79	146	380989	48.222	ng		97
13) 1,4-Dichlorobenzene	6.87	146	382397	47.571	ng		99
14) 1,2-Dichlorobenzene	7.02	146	349199	47.014	ng		99
15) Benzyl Alcohol	7.00	79	272202	45.151	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	467582	42.004	ng		93
17) 2-Methylphenol	7.11	107	292048	47.313	ng		98
18) Hexachloroethane	7.36	117	130308	45.099	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	217599	41.473	ng		93
20) 3+4-Methylphenols	7.26	107	340574	43.613	ng	#	80
22) Acetophenone	7.27	105	456235	43.452	ng	#	97
24) Nitrobenzene	7.44	77	347178	45.290	ng		96
25) Isophorone	7.68	82	651756	46.650	ng		98
26) 2-Nitrophenol	7.75	139	200653	54.433	ng		92
27) 2,4-Dimethylphenol	7.79	122	316270	45.432	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	419948	48.233	ng		100
29) 2,4-Dichlorophenol	8.00	162	297510	49.776	ng		94
30) 1,2,4-Trichlorobenzene	8.07	180	300789	50.317	ng		99
31) Naphthalene	8.16	128	983830	48.337	ng		99
32) Benzoic acid	7.92	122	145742	25.487	ng		93
33) 4-Chloroaniline	8.21	127	294412	34.638	ng	#	94
34) Hexachlorobutadiene	8.27	225	146482	47.574	ng		99
35) Caprolactam	8.59	113	83755m	43.685	ng		
36) 4-Chloro-3-methylphenol	8.69	107	305471	45.470	ng		97
37) 2-Methylnaphthalene	8.85	142	668235	50.504	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	267866	46.300	ng		99
40) Hexachlorocyclopentadiene	9.00	237	179244	67.795	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	189629	46.267	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	200047	48.895	ng	#	92
45) 1,1'-Biphenyl	9.31	154	765982	45.943	ng		99
46) 2-Chloronaphthalene	9.34	162	610012	48.731	ng		97
47) 2-Nitroaniline	9.44	65	175683	45.834	ng		89
48) Acenaphthylene	9.76	152	912012	47.592	ng		100
49) Dimethylphthalate	9.62	163	843421	57.605	ng		100
50) 2,6-Dinitrotoluene	9.68	165	161090	50.537	ng		88
51) Acenaphthene	9.93	154	530707	43.720	ng		99
52) 3-Nitroaniline	9.85	138	143976	38.738	ng		94
53) 2,4-Dinitrophenol	9.96	184	112491	68.675	ng		89
54) Dibenzofuran	10.10	168	789911	48.873	ng		100
55) 4-Nitrophenol	10.02	139	228462	72.696	ng		84
56) 2,4-Dinitrotoluene	10.09	165	203661	49.231	ng		93
57) Fluorene	10.44	166	616095	47.426	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	143945	50.931	ng		96
59) Diethylphthalate	10.31	149	654923	45.777	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	283215	48.534	ng		96
61) 4-Nitroaniline	10.47	138	174096	48.553	ng		87
62) Azobenzene	10.59	77	606203	46.083	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	90546	45.522	ng		79
65) n-Nitrosodiphenylamine	10.55	169	554792	48.986	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	163703	51.157	ng		98
67) Hexachlorobenzene	10.99	284	167784	49.092	ng		97
68) Atrazine	11.07	200	165116	48.457	ng		99
69) Pentachlorophenol	11.19	266	148483	69.806	ng		99
70) Phenanthrene	11.40	178	850018	48.575	ng		99
71) Anthracene	11.46	178	874958	48.867	ng		99
72) Carbazole	11.61	167	795903	45.392	ng		99
73) Di-n-butylphthalate	11.93	149	962836	45.621	ng		99
74) Fluoranthene	12.59	202	784400	44.267	ng		97
76) Benzidine	12.70	184	131790	21.459	ng		98
77) Pyrene	12.82	202	785557	62.043	ng		99
79) Butylbenzylphthalate	13.43	149	325130	54.638	ng		89
80) Benzo(a)anthracene	14.00	228	509024	50.627	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	141277	38.330	ng		98
82) Chrysene	14.04	228	478722	50.012	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	408985	49.915	ng	#	100
84) Di-n-octyl phthalate	14.59	149	571020	43.280	ng		95
85) Indeno(1,2,3-cd)pyrene	16.97	276	561109	73.279	ng		95
87) Benzo(b)fluoranthene	15.05	252	467392	46.603	ng	#	96
88) Benzo(k)fluoranthene	15.08	252	410159	41.406	ng		97
89) Benzo(a)pyrene	15.42	252	448757	48.746	ng	#	97
90) Dibenzo(a,h)anthracene	16.98	278	466930	63.376	ng		97
91) Benzo(g,h,i)perylene	17.42	276	495811	68.080	ng		96

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

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