Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098235.D
Acq On : 1 Sep 2017 19:09
Operator : SJ/JU
Sample : I4987-04MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMPMSD

Manual Integrations APPROVED
mohammad
9/5/2017 5:22:33 PM

Quant Time: Sep 01 23:16:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121668	20.00	ng		-0.03
21) Naphthalene-d8	8.00	136	452443	20.00	ng		-0.03
38) Acenaphthene-d10	9.76	164	175593	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	257565	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	233637	20.00	ng		-0.02
86) Perylene-d12	15.29	264	181951	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	859044	107.40	ng		-0.01
7) Phenol-d6	6.37	99	1135332	104.46	ng		-0.01
23) Nitrobenzene-d5	7.29	82	683712	82.09	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	141081	92.60	ng		-0.03
44) 2-Fluorobiphenyl	9.08	172	796782	66.67	ng		-0.03
78) Terphenyl-d14	12.82	244	527844	47.11	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	155595	34.880	ng	#	88
3) Pyridine	3.14	79	444595	36.052	ng	#	84
4) n-Nitrosodimethylamine	3.10	42	173281	36.518	ng	#	74
6) Aniline	6.39	93	461435	30.223	ng	#	12
8) 2-Chlorophenol	6.51	128	365113	43.282	ng		96
9) Benzaldehyde	6.27	77	166940	24.251	ng		90
10) Phenol	6.39	94	531190	41.790	ng		88
11) bis(2-Chloroethyl)ether	6.46	93	420900	43.873	ng		96
12) 1,3-Dichlorobenzene	6.66	146	369508	40.723	ng	#	95
13) 1,4-Dichlorobenzene	6.74	146	372383	40.352	ng	#	94
14) 1,2-Dichlorobenzene	6.89	146	347189	40.802	ng		100
15) Benzyl Alcohol	6.87	79	333930	41.039	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	518226	40.148	ng		82
17) 2-Methylphenol	6.99	107	322387	43.368	ng	#	92
18) Hexachloroethane	7.23	117	131485	36.341	ng	#	85
19) n-Nitroso-di-n-propylamine	7.15	70	289003	38.845	ng	#	87
20) 3+4-Methylphenols	7.15	107	390643	43.024	ng	#	79
22) Acetophenone	7.13	105	527811	44.159	ng	#	86
24) Nitrobenzene	7.31	77	443719	47.849	ng		93
25) Isophorone	7.55	82	788192	45.513	ng		99
26) 2-Nitrophenol	7.62	139	171814	50.796	ng	#	79
27) 2,4-Dimethylphenol	7.67	122	314758	43.580	ng		94
28) bis(2-Chloroethoxy)methane	7.76	93	518373	45.529	ng		99
29) 2,4-Dichlorophenol	7.87	162	272826	45.506	ng		93
30) 1,2,4-Trichlorobenzene	7.95	180	286581	43.119	ng		99
31) Naphthalene	8.03	128	990848	42.184	ng		99
32) Benzoic acid	7.76	122	27971	11.010	ng		92
33) 4-Chloroaniline	8.08	127	331380	33.452	ng		98
34) Hexachlorobutadiene	8.15	225	165587	42.671	ng		97
35) Caprolactam	8.45	113	82739m	40.594	ng		
36) 4-Chloro-3-methylphenol	8.57	107	311428	40.430	ng	#	83
37) 2-Methylnaphthalene	8.72	142	622493	43.227	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	257181	47.724	ng		99
40) Hexachlorocyclopentadiene	8.87	237	46278	17.876	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	166298	45.965	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	167545	46.679	ng		98
45) 1,1'-Biphenyl	9.18	154	723094	45.158	ng		96
46) 2-Chloronaphthalene	9.20	162	513671	43.417	ng	#	90
47) 2-Nitroaniline	9.31	65	193062	48.675	ng		90
48) Acenaphthylene	9.62	152	789192	42.477	ng		99
49) Dimethylphthalate	9.49	163	768786	59.896	ng		100
50) 2,6-Dinitrotoluene	9.55	165	123242	48.103	ng	#	67
51) Acenaphthene	9.79	154	476152	40.635	ng		99
52) 3-Nitroaniline	9.72	138	136255	41.220	ng		86
53) 2,4-Dinitrophenol	9.83	184	4630	13.459	ng	#	81
54) Dibenzofuran	9.96	168	692200	44.077	ng		99
55) 4-Nitrophenol	9.89	139	157846	59.861	ng	#	46
56) 2,4-Dinitrotoluene	9.95	165	138912	43.204	ng	#	51
57) Fluorene	10.30	166	504196	41.526	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	114413	41.172	ng		93
59) Diethylphthalate	10.18	149	608830	45.359	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	242777	43.040	ng	#	86
61) 4-Nitroaniline	10.33	138	121385	38.637	ng		74
62) Azobenzene	10.46	77	650950	40.828	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	9635	14.883	ng	#	77
65) n-Nitrosodiphenylamine	10.42	169	451546	51.483	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	137286	51.329	ng		93
67) Hexachlorobenzene	10.85	284	124705	45.744	ng	#	90
68) Atrazine	10.95	200	124210	53.400	ng		96
69) Pentachlorophenol	11.05	266	101601	63.920	ng		98
70) Phenanthrene	11.26	178	756806	55.141	ng		100
71) Anthracene	11.32	178	667594	47.957	ng		99
72) Carbazole	11.47	167	577244	43.685	ng		98
73) Di-n-butylphthalate	11.80	149	801155	52.637	ng		99
74) Fluoranthene	12.45	202	796131	55.574	ng		99
76) Benzidine	12.57	184	354747	46.309	ng	#	92
77) Pyrene	12.67	202	796161	41.665	ng		99
79) Butylbenzylphthalate	13.30	149	316928	43.259	ng	#	76
80) Benzo(a)anthracene	13.86	228	667797	47.690	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	218495	46.241	ng	#	97
82) Chrysene	13.90	228	637962	45.799	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	438082	53.961	ng	#	99
84) Di-n-octyl phthalate	14.47	149	826886	58.538	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	413053	40.309	ng		95
87) Benzo(b)fluoranthene	14.89	252	584212	50.939	ng		98
88) Benzo(k)fluoranthene	14.92	252	540496	50.162	ng	#	93
89) Benzo(a)pyrene	15.23	252	509946	50.225	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	337388	40.817	ng		98
91) Benzo(g,h,i)perylene	17.07	276	330934	38.370	ng		94

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

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