Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098011.D
Acq On : 24 Aug 2017 19:34
Operator : SJ/JU
Sample : I4925-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Manual Integrations APPROVED
Sohil
8/25/2017 5:40:10 PM

Quant Time: Aug 25 02:09:11 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	6.74	152	117604	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	466243	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	200284	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	381777	20.00	ng		0.00
75) Chrysene-d12	13.89	240	253754	20.00	ng		0.00
86) Perylene-d12	15.30	264	236607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1065367	137.79	ng		0.00
7) Phenol-d6	6.38	99	1463405	139.30	ng		0.00
23) Nitrobenzene-d5	7.31	82	833879	97.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	238995	137.53	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1000213	73.37	ng		-0.01
78) Terphenyl-d14	12.84	244	749553	61.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	172344	39.970	ng		88
3) Pyridine	3.17	79	499799	41.929	ng		86
4) n-Nitrosodimethylamine	3.13	42	204947	44.684	ng	#	75
6) Aniline	6.40	93	565846	38.343	ng		99
8) 2-Chlorophenol	6.53	128	387087	47.473	ng		97
9) Benzaldehyde	6.29	77	223718	33.622	ng		89
10) Phenol	6.40	94	603580	49.127	ng		91
11) bis(2-Chloroethyl)ether	6.48	93	425374	45.871	ng		97
12) 1,3-Dichlorobenzene	6.68	146	374909	42.746	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	383680	43.013	ng	#	94
14) 1,2-Dichlorobenzene	6.91	146	355095	43.173	ng		98
15) Benzyl Alcohol	6.89	79	379493	48.251	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	543888	43.592	ng		91
17) 2-Methylphenol	7.00	107	357511	49.754	ng		96
18) Hexachloroethane	7.25	117	150116	42.924	ng	#	81
19) n-Nitroso-di-n-propylamine	7.16	70	304372	42.325	ng		90
20) 3+4-Methylphenols	7.16	107	419186	47.763	ng		96
22) Acetophenone	7.15	105	542154	44.017	ng	#	93
24) Nitrobenzene	7.33	77	488953	51.166	ng		95
25) Isophorone	7.57	82	858000	48.077	ng		98
26) 2-Nitrophenol	7.64	139	197783	56.128	ng	#	76
27) 2,4-Dimethylphenol	7.68	122	353904	47.550	ng		91
28) bis(2-Chloroethoxy)methane	7.78	93	536550	45.731	ng		98
29) 2,4-Dichlorophenol	7.88	162	301434	48.789	ng		91
30) 1,2,4-Trichlorobenzene	7.96	180	302256	44.131	ng		98
31) Naphthalene	8.05	128	1073813	44.363	ng		100
32) Benzoic acid	7.75	122	14427	8.710	ng		94
33) 4-Chloroaniline	8.09	127	347692	34.060	ng		98
34) Hexachlorobutadiene	8.16	225	167306	41.838	ng		97
35) Caprolactam	8.47	113	103553m	49.302	ng		
36) 4-Chloro-3-methylphenol	8.58	107	372341	46.907	ng	#	79
37) 2-Methylnaphthalene	8.73	142	688067	46.366	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	270612	44.026	ng	#	98
40) Hexachlorocyclopentadiene	8.89	237	224299	75.959	ng		99

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	205622	49.827	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	206446	50.427	ng		96
45) 1,1'-Biphenyl	9.20	154	788234	43.158	ng		96
46) 2-Chloronaphthalene	9.22	162	594295	44.039	ng	#	91
47) 2-Nitroaniline	9.32	65	253152	55.957	ng		95
48) Acenaphthylene	9.64	152	977553	46.129	ng		99
49) Dimethylphthalate	9.51	163	919262	62.790	ng		99
50) 2,6-Dinitrotoluene	9.57	165	153097	52.389	ng	#	69
51) Acenaphthene	9.81	154	582446	43.579	ng		99
52) 3-Nitroaniline	9.73	138	155666	41.287	ng		89
53) 2,4-Dinitrophenol	9.83	184	19925	22.658	ng	#	73
54) Dibenzofuran	9.98	168	850443	47.477	ng		99
55) 4-Nitrophenol	9.90	139	286438	95.236	ng	#	46
56) 2,4-Dinitrotoluene	9.97	165	201945	55.065	ng	#	53
57) Fluorene	10.33	166	623418	45.015	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	166055	52.388	ng		96
59) Diethylphthalate	10.20	149	694495	45.363	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	283314	44.035	ng		89
61) 4-Nitroaniline	10.35	138	179920	50.208	ng	#	70
62) Azobenzene	10.47	77	843490	46.382	ng		92
64) 4,6-Dinitro-2-methylphenol	10.37	198	43851	28.470	ng	#	78
65) n-Nitrosodiphenylamine	10.44	169	587135	45.162	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	177507	44.774	ng		99
67) Hexachlorobenzene	10.87	284	172283	42.635	ng	#	87
68) Atrazine	10.97	200	165827	48.097	ng		99
69) Pentachlorophenol	11.06	266	187869	79.739	ng		99
70) Phenanthrene	11.29	178	939119	46.162	ng		99
71) Anthracene	11.33	178	946689	45.880	ng		100
72) Carbazole	11.49	167	914128	46.672	ng		98
73) Di-n-butylphthalate	11.82	149	1041602	46.169	ng		99
74) Fluoranthene	12.47	202	959810	45.201	ng		99
76) Benzidine	12.59	184	478672	57.533	ng	#	92
77) Pyrene	12.70	202	975236	46.990	ng		99
79) Butylbenzylphthalate	13.32	149	424440	53.340	ng	#	70
80) Benzo(a)anthracene	13.88	228	661590	43.501	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	228626	44.549	ng	#	97
82) Chrysene	13.92	228	661662	43.735	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	487263	55.261	ng	#	100
84) Di-n-octyl phthalate	14.49	149	861433	56.149	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	667951	60.017	ng		94
87) Benzo(b)fluoranthene	14.90	252	645547	43.284	ng		98
88) Benzo(k)fluoranthene	14.93	252	590366	42.133	ng	#	93
89) Benzo(a)pyrene	15.25	252	611143	46.288	ng		97
90) Dibenzo(a,h)anthracene	16.70	278	540161	50.253	ng		99
91) Benzo(g,h,i)perylene	17.10	276	556474	49.616	ng		93

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

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