Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097738.D
Acq On : 16 Aug 2017 14:54
Operator : SJ/JU
Sample : I4758-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MSD

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:33 PM

Quant Time: Aug 17 01:34:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	143444	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	583220	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	269469	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	498367	20.00	ng		0.00
75) Chrysene-d12	13.94	240	318205	20.00	ng		0.00
86) Perylene-d12	15.36	264	237274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1164565	123.49	ng		0.02
7) Phenol-d6	6.42	99	1509962	117.84	ng		0.00
23) Nitrobenzene-d5	7.35	82	1045918	97.42	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	350908	150.08	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1559930	85.05	ng		0.00
78) Terphenyl-d14	12.89	244	1345041	88.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	164212	31.223	ng	#	76
4) n-Nitrosodimethylamine	3.28	42	191032	34.147	ng	#	79
8) 2-Chlorophenol	6.57	128	418439	42.074	ng		96
9) Benzaldehyde	6.33	77	198020	24.399	ng		88
10) Phenol	6.43	94	533357	35.591	ng		95
11) bis(2-Chloroethyl)ether	6.52	93	466886	41.278	ng		98
12) 1,3-Dichlorobenzene	6.72	146	373666	34.929	ng	#	92
13) 1,4-Dichlorobenzene	6.80	146	383168	35.217	ng	#	93
14) 1,2-Dichlorobenzene	6.95	146	362347	36.119	ng		99
15) Benzyl Alcohol	6.92	79	412414	42.991	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	640931	42.116	ng		92
17) 2-Methylphenol	7.03	107	393291	44.874	ng		95
18) Hexachloroethane	7.29	117	155612	36.480	ng	#	79
19) n-Nitroso-di-n-propylamine	7.20	70	368364	41.996	ng		90
20) 3+4-Methylphenols	7.19	107	459893	42.962	ng		96
22) Acetophenone	7.19	105	636518	41.313	ng	#	92
24) Nitrobenzene	7.36	77	548946	45.923	ng		91
25) Isophorone	7.61	82	1030322	46.154	ng		98
26) 2-Nitrophenol	7.68	139	213356	49.127	ng	#	79
27) 2,4-Dimethylphenol	7.72	122	386849	41.551	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	632642	43.106	ng		99
29) 2,4-Dichlorophenol	7.92	162	351901	45.534	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	333463	38.922	ng		99
31) Naphthalene	8.09	128	1196769	39.526	ng		99
32) Benzoic acid	7.85	122	272590	41.227	ng		88
33) 4-Chloroaniline	8.13	127	37557	2.941	ng		97
34) Hexachlorobutadiene	8.20	225	191627	38.308	ng		99
35) Caprolactam	8.51	113	86444m	32.902	ng		
36) 4-Chloro-3-methylphenol	8.62	107	440841	44.397	ng	#	78
37) 2-Methylnaphthalene	8.77	142	813194	43.807	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	319842	38.675	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	374149	94.174	ng		99
42) 2,4,6-Trichlorophenol	9.05	196	252112	45.408	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	249470	45.291	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.25	154	977050	39.761	ng		97
46) 2-Chloronaphthalene	9.27	162	717394	39.512	ng	#	93
47) 2-Nitroaniline	9.36	65	290901	47.792	ng		97
48) Acenaphthylene	9.68	152	1188883	41.698	ng		100
49) Dimethylphthalate	9.55	163	872586	44.300	ng		99
50) 2,6-Dinitrotoluene	9.60	165	189394	48.170	ng	#	48
51) Acenaphthene	9.85	154	730264	40.610	ng		99
52) 3-Nitroaniline	9.77	138	110984	21.878	ng		83
53) 2,4-Dinitrophenol	9.88	184	192735	100.129	ng	#	74
54) Dibenzofuran	10.03	168	1065705	44.220	ng		99
55) 4-Nitrophenol	9.93	139	326316	80.639	ng	#	36
56) 2,4-Dinitrotoluene	10.01	165	248148	50.291	ng	#	56
57) Fluorene	10.37	166	771242	41.391	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	218529	51.243	ng		93
59) Diethylphthalate	10.25	149	923741	44.845	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	368301	42.547	ng	#	86
61) 4-Nitroaniline	10.39	138	194742	40.392	ng	#	71
62) Azobenzene	10.52	77	1101757	45.029	ng		93
64) 4,6-Dinitro-2-methylphenol	10.42	198	119546	50.401	ng	#	81
65) n-Nitrosodiphenylamine	10.48	169	734208	43.263	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	233181	45.057	ng		96
67) Hexachlorobenzene	10.91	284	223719	42.412	ng	#	81
68) Atrazine	11.01	200	228475	50.765	ng		98
69) Pentachlorophenol	11.10	266	272693	88.664	ng		99
70) Phenanthrene	11.33	178	1119585	42.159	ng		99
71) Anthracene	11.38	178	1125064	41.769	ng		100
72) Carbazole	11.53	167	1067822	41.765	ng		99
73) Di-n-butylphthalate	11.87	149	1417734	48.140	ng		99
74) Fluoranthene	12.51	202	1152963	41.595	ng		97
77) Pyrene	12.74	202	1149014	44.150	ng		99
79) Butylbenzylphthalate	13.37	149	559246	56.047	ng	#	76
80) Benzo(a)anthracene	13.92	228	800703	41.985	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	206770	32.130	ng	#	96
82) Chrysene	13.96	228	788720	41.574	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	690756	62.472	ng	#	100
84) Di-n-octyl phthalate	14.54	149	1213844	63.094	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	675831	48.425	ng		95
87) Benzo(b)fluoranthene	14.95	252	672252	44.948	ng		99
88) Benzo(k)fluoranthene	14.98	252	587624	41.820	ng	#	95
89) Benzo(a)pyrene	15.30	252	602529	45.507	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	552993	51.302	ng		97
91) Benzo(g,h,i)perylene	17.19	276	573012	50.947	ng	#	92

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

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