Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096610.D
Acq On : 10 Jul 2017 19:30
Operator : SJ/JU
Sample : I4101-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-11MSD

Manual Integrations APPROVED
mohammad
7/11/2017 1:35:11 PM

Quant Time: Jul 11 03:41:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	120500	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	517040	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	228515	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	380684	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	230497	20.00	ng		-0.02
86) Perylene-d12	15.22	264	207968	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	992383	121.55	ng		0.00
7) Phenol-d6	6.33	99	1214772	121.03	ng		-0.01
23) Nitrobenzene-d5	7.25	82	772263	89.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	249578	139.82	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1265789	94.71	ng		-0.02
78) Terphenyl-d14	12.78	244	987533	91.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	131086	33.86	ng	#	77
3) Pyridine	3.08	79	362174	34.10	ng	#	65
4) n-Nitrosodimethylamine	3.02	42	219567	41.88	ng		85
6) Aniline	6.35	93	426407	32.87	ng	#	68
8) 2-Chlorophenol	6.47	128	363953	41.80	ng		97
9) Benzaldehyde	6.23	77	211475	33.67	ng		100
10) Phenol	6.35	94	465011	40.67	ng		81
11) bis(2-Chloroethyl)ether	6.43	93	355804	40.27	ng		95
12) 1,3-Dichlorobenzene	6.63	146	386876	42.38	ng		99
13) 1,4-Dichlorobenzene	6.70	146	395493	43.35	ng		97
14) 1,2-Dichlorobenzene	6.86	146	360340	43.01	ng		97
15) Benzyl Alcohol	6.83	79	305214	45.49	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	764998	42.59	ng		92
17) 2-Methylphenol	6.95	107	311432	44.89	ng		99
18) Hexachloroethane	7.20	117	145889	44.10	ng	#	82
19) n-Nitroso-di-n-propylamine	7.11	70	249385	41.71	ng	#	84
20) 3+4-Methylphenols	7.10	107	361494	46.71	ng	#	86
22) Acetophenone	7.10	105	491912	43.54	ng	#	91
24) Nitrobenzene	7.27	77	396341	43.91	ng		93
25) Isophorone	7.51	82	689436	41.33	ng		96
26) 2-Nitrophenol	7.59	139	216945	45.41	ng		90
27) 2,4-Dimethylphenol	7.63	122	353472	43.45	ng		95
28) bis(2-Chloroethoxy)methane	7.72	93	494954	44.94	ng		100
29) 2,4-Dichlorophenol	7.83	162	327919	46.72	ng		96
30) 1,2,4-Trichlorobenzene	7.91	180	298631	45.10	ng		97
31) Naphthalene	7.99	128	1108909	45.43	ng		99
32) Benzoic acid	7.73	122	67773	9.92	ng		92
33) 4-Chloroaniline	8.03	127	324670	32.02	ng		98
34) Hexachlorobutadiene	8.12	225	154208	45.41	ng		98
35) Caprolactam	8.42	113	118550m	48.98	ng		
36) 4-Chloro-3-methylphenol	8.53	107	350570	45.14	ng		90
37) 2-Methylnaphthalene	8.68	142	729363	46.94	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	244061	41.13	ng		99
40) Hexachlorocyclopentadiene	8.84	237	247866	85.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	204753	43.62	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	204966	44.16	ng		96
45) 1,1'-Biphenyl	9.15	154	818956	41.83	ng		97
46) 2-Chloronaphthalene	9.17	162	639951	43.86	ng		94
47) 2-Nitroaniline	9.26	65	252815	47.62	ng		93
48) Acenaphthylene	9.58	152	1044680	45.18	ng		99
49) Dimethylphthalate	9.45	163	913566	53.55	ng		100
50) 2,6-Dinitrotoluene	9.51	165	173345	45.95	ng		91
51) Acenaphthene	9.75	154	581678	40.81	ng		99
52) 3-Nitroaniline	9.67	138	165818	35.24	ng		91
53) 2,4-Dinitrophenol	9.78	184	133135	66.45	ng	#	74
54) Dibenzofuran	9.93	168	868965	46.18	ng		100
55) 4-Nitrophenol	9.85	139	311970	80.00	ng	#	65
56) 2,4-Dinitrotoluene	9.91	165	228665	47.87	ng	#	79
57) Fluorene	10.27	166	636432	47.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	164984	51.38	ng		97
59) Diethylphthalate	10.15	149	735489	45.61	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	267469	46.26	ng		99
61) 4-Nitroaniline	10.29	138	215091	50.28	ng		90
62) Azobenzene	10.42	77	743331	47.68	ng		91
64) 4,6-Dinitro-2-methylphenol	10.32	198	119064	45.35	ng		81
65) n-Nitrosodiphenylamine	10.38	169	624726	46.77	ng		97
66) 4-Bromophenyl-phenylether	10.75	248	170048	45.89	ng		94
67) Hexachlorobenzene	10.82	284	181445	44.73	ng	#	89
68) Atrazine	10.91	200	169456	44.41	ng		94
69) Pentachlorophenol	11.01	266	191923	79.83	ng		96
70) Phenanthrene	11.22	178	947677	46.05	ng		99
71) Anthracene	11.27	178	974249	46.46	ng		99
72) Carbazole	11.43	167	943681	44.75	ng		99
73) Di-n-butylphthalate	11.77	149	1119782	43.84	ng		99
74) Fluoranthene	12.40	202	977231	48.43	ng		97
76) Benzidine	12.53	184	534653	48.34	ng	#	92
77) Pyrene	12.63	202	980190	52.98	ng		99
79) Butylbenzylphthalate	13.26	149	481198	51.38	ng	#	81
80) Benzo(a)anthracene	13.82	228	649840	48.69	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	176241	32.15	ng	#	96
82) Chrysene	13.85	228	636127	45.51	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	488502	46.73	ng		100
84) Di-n-octyl phthalate	14.43	149	877275	42.61	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.56	276	599716	54.35	ng		98
87) Benzo(b)fluoranthene	14.83	252	551636	42.33	ng		99
88) Benzo(k)fluoranthene	14.86	252	527777m	45.28	ng		
89) Benzo(a)pyrene	15.16	252	522419	44.90	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	479015	52.34	ng	#	95
91) Benzo(g,h,i)perylene	16.96	276	505353	53.28	ng		98

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

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