Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096135.D
Acq On : 22 Jun 2017 22:14
Operator : SJ/MA
Sample : I3657-16MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103DMSD

Manual Integrations APPROVED
mohammad
6/26/2017 8:28:12 AM

Quant Time: Jun 23 01:54:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	87330	20.00	ng		-0.02
21) Naphthalene-d8	9.31	136	317086	20.00	ng		-0.02
38) Acenaphthene-d10	12.13	164	126677	20.00	ng		-0.02
63) Phenanthrene-d10	14.53	188	193715	20.00	ng		-0.01
75) Chrysene-d12	18.26	240	136404	20.00	ng		-0.01
86) Perylene-d12	19.94	264	123816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	357219	65.18	ng		0.00
7) Phenol-d6	6.87	99	254765	38.83	ng		0.00
23) Nitrobenzene-d5	8.21	82	478312	93.68	ng		-0.01
41) 2,4,6-Tribromophenol	13.44	330	127447	113.71	ng		-0.01
44) 2-Fluorobiphenyl	11.09	172	831656	91.36	ng		-0.02
78) Terphenyl-d14	16.92	244	536636	97.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.62	88	51456	19.74	ng		89
3) Pyridine	2.20	79	45419	7.41	ng		92
4) n-Nitrosodimethylamine	2.14	42	40898	17.56	ng		91
6) Aniline	6.79	93	83446	9.72	ng		99
8) 2-Chlorophenol	6.97	128	235207	40.36	ng		96
9) Benzaldehyde	6.60	77	58006	13.11	ng		93
10) Phenol	6.90	94	120056	17.64	ng		96
11) bis(2-Chloroethyl)ether	6.92	93	264928	49.14	ng		96
12) 1,3-Dichlorobenzene	7.17	146	267487	40.55	ng		99
13) 1,4-Dichlorobenzene	7.30	146	276431	41.33	ng		97
14) 1,2-Dichlorobenzene	7.53	146	241224	39.12	ng		96
15) Benzyl Alcohol	7.59	79	138176	30.68	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.77	45	370689	48.93	ng		96
17) 2-Methylphenol	7.84	107	159105	32.53	ng		96
18) Hexachloroethane	8.05	117	74101	33.54	ng	#	85
19) n-Nitroso-di-n-propylamine	8.02	70	179603	43.19	ng		94
20) 3+4-Methylphenols	8.11	107	174071	28.04	ng	#	57
22) Acetophenone	7.97	105	350948	47.29	ng	#	84
24) Nitrobenzene	8.23	77	275588	50.53	ng		95
25) Isophorone	8.63	82	500251	52.47	ng		96
26) 2-Nitrophenol	8.75	139	139255	48.76	ng		97
27) 2,4-Dimethylphenol	8.90	122	204504	46.14	ng		99
28) bis(2-Chloroethoxy)methane	9.02	93	330748	52.63	ng		99
29) 2,4-Dichlorophenol	9.20	162	197897	46.36	ng		99
30) 1,2,4-Trichlorobenzene	9.25	180	208990	47.05	ng		98
31) Naphthalene	9.35	128	694113	43.62	ng		99
32) Benzoic acid	9.23	122	24963	13.17	ng		89
33) 4-Chloroaniline	9.52	127	125370	20.16	ng	#	91
34) Hexachlorobutadiene	9.56	225	98564	42.95	ng		97
35) Caprolactam	10.15	113	10371m	8.17	ng		
36) 4-Chloro-3-methylphenol	10.39	107	198829	44.50	ng		91
37) 2-Methylnaphthalene	10.47	142	511103	47.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	200795	52.96	ng		99
40) Hexachlorocyclopentadiene	10.72	237	11855	19.82	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.99	196	126689	51.97	ng		99
43) 2,4,5-Trichlorophenol	11.10	196	107459	41.45	ng	#	94
45) 1,1'-Biphenyl	11.24	154	504825	48.35	ng		98
46) 2-Chloronaphthalene	11.26	162	377369	46.26	ng		95
47) 2-Nitroaniline	11.49	65	61468	25.75	ng	#	81
48) Acenaphthylene	11.90	152	567273	40.67	ng		99
49) Dimethylphthalate	11.80	163	473417	49.22	ng		98
50) 2,6-Dinitrotoluene	11.90	165	91210	43.48	ng	#	67
51) Acenaphthene	12.19	154	344458	42.76	ng		99
52) 3-Nitroaniline	12.17	138	53053	21.71	ng		91
53) 2,4-Dinitrophenol	12.44	184	19481m	21.55	ng		
54) Dibenzofuran	12.47	168	526903	46.47	ng		99
55) 4-Nitrophenol	12.68	139	22030	19.17	ng	#	49
56) 2,4-Dinitrotoluene	12.58	165	125981	44.46	ng		91
57) Fluorene	13.03	166	413060	41.86	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.73	232	69538m	39.20	ng		
59) Diethylphthalate	12.94	149	446002	48.18	ng		98
60) 4-Chlorophenyl-phenylether	13.06	204	187972	43.81	ng		89
61) 4-Nitroaniline	13.18	138	21722	9.52	ng		89
62) Azobenzene	13.32	77	396628	47.28	ng		94
64) 4,6-Dinitro-2-methylphenol	13.28	198	18728	14.71	ng	#	21
65) n-Nitrosodiphenylamine	13.27	169	355085	51.01	ng		98
66) 4-Bromophenyl-phenylether	13.84	248	103011	51.17	ng		94
67) Hexachlorobenzene	13.93	284	97170	48.98	ng	#	94
68) Atrazine	14.20	200	89748	46.33	ng		97
69) Pentachlorophenol	14.30	266	39553	54.84	ng		89
70) Phenanthrene	14.57	178	525383	47.01	ng		98
71) Anthracene	14.65	178	532918	45.67	ng		98
72) Carbazole	14.96	167	490980	43.18	ng		98
73) Di-n-butylphthalate	15.55	149	659712	54.53	ng		98
74) Fluoranthene	16.36	202	464516	41.99	ng		98
76) Benzidine	16.61	184	29818	5.69	ng		94
77) Pyrene	16.66	202	475252	46.69	ng		99
79) Butylbenzylphthalate	17.59	149	221454	49.82	ng	#	86
80) Benzo(a)anthracene	18.26	228	375322	47.33	ng		97
81) 3,3'-Dichlorobenzidine	18.24	252	36568	12.97	ng		97
82) Chrysene	18.30	228	376651	47.52	ng		100
83) Bis(2-ethylhexyl)phthalate	18.34	149	316172	50.43	ng	#	99
84) Di-n-octyl phthalate	19.11	149	528935	51.19	ng		97
85) Indeno(1,2,3-cd)pyrene	21.10	276	308506	45.49	ng		99
87) Benzo(b)fluoranthene	19.53	252	343047	44.25	ng		98
88) Benzo(k)fluoranthene	19.56	252	376009	50.74	ng		96
89) Benzo(a)pyrene	19.89	252	329854	46.29	ng		99
90) Dibenzo(a,h)anthracene	21.10	278	268063	44.35	ng		97
91) Benzo(g,h,i)perylene	21.43	276	256335	41.60	ng		96

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

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