Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095372.D
Acq On : 24 May 2017 4:50
Operator : SJ/MA
Sample : I3269-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Manual Integrations APPROVED
mohammad
5/24/2017 4:43:28 PM

Quant Time: May 24 07:30:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	99113	20.00	ng		0.00
21) Naphthalene-d8	9.77	136	436846	20.00	ng		-0.01
38) Acenaphthene-d10	12.60	164	208449	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	332944	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	180791	20.00	ng		-0.01
86) Perylene-d12	20.36	264	181879	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	589332	99.13	ng		0.00
7) Phenol-d6	7.30	99	678345	95.10	ng		-0.01
23) Nitrobenzene-d5	8.66	82	387932	56.00	ng		-0.01
41) 2,4,6-Tribromophenol	13.91	330	141053	82.63	ng		-0.01
44) 2-Fluorobiphenyl	11.54	172	858006	59.25	ng		-0.02
78) Terphenyl-d14	17.32	244	563405	68.64	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	70861	24.30	ng		97
3) Pyridine	2.99	79	154260	22.83	ng		94
4) n-Nitrosodimethylamine	2.90	42	59625	21.17	ng		82
6) Aniline	7.27	93	258442	28.70	ng		94
8) 2-Chlorophenol	7.45	128	220086	32.53	ng		96
9) Benzaldehyde	7.11	77	44281	10.17	ng		97
10) Phenol	7.32	94	274356	36.50	ng		92
11) bis(2-Chloroethyl)ether	7.39	93	185009	29.82	ng		95
12) 1,3-Dichlorobenzene	7.66	146	234225	30.52	ng		97
13) 1,4-Dichlorobenzene	7.78	146	228431	29.35	ng		98
14) 1,2-Dichlorobenzene	8.01	146	227563	31.32	ng		96
15) Benzyl Alcohol	8.05	79	167173	36.44	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	259527	29.55	ng		90
17) 2-Methylphenol	8.25	107	177589	32.07	ng		92
18) Hexachloroethane	8.52	117	79886	30.30	ng	#	82
19) n-Nitroso-di-n-propylamine	8.46	70	152430	31.60	ng		92
20) 3+4-Methylphenols	8.52	107	225079	29.91	ng	#	58
22) Acetophenone	8.43	105	302587	28.87	ng	#	83
24) Nitrobenzene	8.69	77	210498	28.99	ng		91
25) Isophorone	9.09	82	351226	28.39	ng	#	94
26) 2-Nitrophenol	9.20	139	106116	27.08	ng		97
27) 2,4-Dimethylphenol	9.33	122	180818	28.54	ng		98
28) bis(2-Chloroethoxy)methane	9.45	93	251074	29.34	ng		99
29) 2,4-Dichlorophenol	9.64	162	159851	26.72	ng		97
30) 1,2,4-Trichlorobenzene	9.70	180	186649	29.13	ng		99
31) Naphthalene	9.81	128	621953	28.33	ng		100
32) Benzoic acid	9.61	122	27876	11.07	ng		88
33) 4-Chloroaniline	9.98	127	89247	10.91	ng	#	91
34) Hexachlorobutadiene	10.02	225	93198	27.56	ng		99
35) Caprolactam	10.57	113	49429m	27.52	ng		
36) 4-Chloro-3-methylphenol	10.81	107	194739	30.45	ng		91
37) 2-Methylnaphthalene	10.93	142	463218	32.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	178453	27.84	ng		98
40) Hexachlorocyclopentadiene	11.18	237	57840	25.89	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	124950	29.19	ng		99
43) 2,4,5-Trichlorophenol	11.55	196	117437	25.53	ng		95
45) 1,1'-Biphenyl	11.69	154	526723	30.01	ng		98
46) 2-Chloronaphthalene	11.71	162	406987	28.72	ng		94
47) 2-Nitroaniline	11.94	65	107511	27.72	ng	#	75
48) Acenaphthylene	12.37	152	639821	28.83	ng		98
49) Dimethylphthalate	12.25	163	557491	32.58	ng		98
50) 2,6-Dinitrotoluene	12.34	165	101295	29.01	ng		96
51) Acenaphthene	12.65	154	382224	28.83	ng		100
52) 3-Nitroaniline	12.63	138	67235	17.94	ng		87
53) 2,4-Dinitrophenol	12.85	184	47106	28.83	ng	#	67
54) Dibenzofuran	12.94	168	583769	31.82	ng		98
55) 4-Nitrophenol	13.04	139	89230	39.65	ng	#	72
56) 2,4-Dinitrotoluene	13.02	165	137510	30.65	ng	#	92
57) Fluorene	13.50	166	445400	27.92	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	89101	30.78	ng	#	94
59) Diethylphthalate	13.39	149	446086	27.20	ng		99
60) 4-Chlorophenyl-phenylether	13.52	204	197773	28.21	ng		91
61) 4-Nitroaniline	13.63	138	67880	19.73	ng		96
62) Azobenzene	13.78	77	381147	28.92	ng		93
64) 4,6-Dinitro-2-methylphenol	13.69	198	42715	19.14	ng	#	71
65) n-Nitrosodiphenylamine	13.72	169	381139	31.54	ng		98
66) 4-Bromophenyl-phenylether	14.31	248	108750	30.92	ng		100
67) Hexachlorobenzene	14.39	284	102030	28.30	ng	#	89
68) Atrazine	14.65	200	110033	32.25	ng		97
69) Pentachlorophenol	14.76	266	59642	39.77	ng		95
70) Phenanthrene	15.05	178	573321	29.97	ng		97
71) Anthracene	15.13	178	588220	30.10	ng		98
72) Carbazole	15.42	167	501936	28.23	ng		96
73) Di-n-butylphthalate	15.97	149	694184	31.31	ng	#	97
74) Fluoranthene	16.79	202	503636	25.67	ng		99
76) Benzidine	17.02	184	221165	45.61	ng	#	93
77) Pyrene	17.09	202	479346	35.45	ng		100
79) Butylbenzylphthalate	17.98	149	235433	37.43	ng	#	87
80) Benzo(a)anthracene	18.67	228	296549	28.18	ng		97
81) 3,3'-Dichlorobenzidine	18.65	252	91474	25.17	ng	#	97
82) Chrysene	18.72	228	298771	29.37	ng		98
83) Bis(2-ethylhexyl)phthalate	18.73	149	289003	32.25	ng	#	99
84) Di-n-octyl phthalate	19.49	149	432881	29.47	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.69	276	316839	38.35	ng		100
87) Benzo(b)fluoranthene	19.95	252	265858	23.66	ng		98
88) Benzo(k)fluoranthene	19.98	252	353291	32.59	ng	#	96
89) Benzo(a)pyrene	20.30	252	303375	29.25	ng		98
90) Dibenzo(a,h)anthracene	21.69	278	259629	30.31	ng		98
91) Benzo(g,h,i)perylene	22.08	276	256741	30.55	ng		98

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

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