Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095371.D
Acq On : 24 May 2017 4:18
Operator : SJ/MA
Sample : I3269-04MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Manual Integrations APPROVED
mohammad
5/24/2017 4:43:26 PM

Quant Time: May 24 07:29:14 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	100037	20.00	ng		0.00
21) Naphthalene-d8	9.77	136	409585	20.00	ng		-0.01
38) Acenaphthene-d10	12.60	164	186034	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	271130	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	174075	20.00	ng		-0.01
86) Perylene-d12	20.36	264	171775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	718590	119.76	ng		0.00
7) Phenol-d6	7.30	99	833900	115.83	ng		-0.01
23) Nitrobenzene-d5	8.66	82	483910	74.50	ng		-0.01
41) 2,4,6-Tribromophenol	13.91	330	145478	95.49	ng		-0.01
44) 2-Fluorobiphenyl	11.54	172	969959	75.05	ng		-0.02
78) Terphenyl-d14	17.33	244	635852	80.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	79667	27.07	ng		93
3) Pyridine	2.99	79	156046	22.88	ng		98
4) n-Nitrosodimethylamine	2.90	42	69309	24.38	ng	#	78
6) Aniline	7.27	93	304512	33.50	ng		95
8) 2-Chlorophenol	7.45	128	237779	34.82	ng		96
9) Benzaldehyde	7.11	77	56283	12.80	ng		99
10) Phenol	7.32	94	331711	43.72	ng		93
11) bis(2-Chloroethyl)ether	7.40	93	230550	36.81	ng		95
12) 1,3-Dichlorobenzene	7.66	146	272874	35.22	ng		97
13) 1,4-Dichlorobenzene	7.78	146	278915	35.50	ng		97
14) 1,2-Dichlorobenzene	8.01	146	257891	35.17	ng		97
15) Benzyl Alcohol	8.05	79	200196	43.23	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	303920	34.29	ng		88
17) 2-Methylphenol	8.25	107	206013	36.86	ng		96
18) Hexachloroethane	8.53	117	91910	34.53	ng		88
19) n-Nitroso-di-n-propylamine	8.46	70	183769	37.74	ng		94
20) 3+4-Methylphenols	8.52	107	279888	36.85	ng	#	56
22) Acetophenone	8.43	105	361749	36.81	ng	#	85
24) Nitrobenzene	8.69	77	253576	37.25	ng		89
25) Isophorone	9.09	82	457202	39.42	ng		95
26) 2-Nitrophenol	9.20	139	144318	39.28	ng		99
27) 2,4-Dimethylphenol	9.33	122	228192	38.42	ng		97
28) bis(2-Chloroethoxy)methane	9.45	93	297111	37.03	ng		99
29) 2,4-Dichlorophenol	9.63	162	195695	34.89	ng		96
30) 1,2,4-Trichlorobenzene	9.70	180	206169	34.31	ng		98
31) Naphthalene	9.81	128	735852	35.75	ng		99
32) Benzoic acid	9.62	122	47737	16.03	ng		97
33) 4-Chloroaniline	9.98	127	85009	11.08	ng	#	91
34) Hexachlorobutadiene	10.02	225	107875	34.03	ng		97
35) Caprolactam	10.57	113	54266m	32.22	ng		
36) 4-Chloro-3-methylphenol	10.81	107	219534	36.61	ng		92
37) 2-Methylnaphthalene	10.93	142	523829	38.77	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	205527	35.92	ng		98
40) Hexachlorocyclopentadiene	11.18	237	66380	31.57	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	137238	35.93	ng		98
43) 2,4,5-Trichlorophenol	11.54	196	130434	31.77	ng		93
45) 1,1'-Biphenyl	11.69	154	574824	36.70	ng		97
46) 2-Chloronaphthalene	11.71	162	450638	35.63	ng		95
47) 2-Nitroaniline	11.94	65	121053	34.97	ng	#	76
48) Acenaphthylene	12.37	152	731706	36.94	ng		99
49) Dimethylphthalate	12.25	163	654660	42.87	ng		99
50) 2,6-Dinitrotoluene	12.34	165	120546	38.69	ng		96
51) Acenaphthene	12.65	154	431523	36.47	ng		99
52) 3-Nitroaniline	12.63	138	77899	23.29	ng		87
53) 2,4-Dinitrophenol	12.84	184	60855	38.94	ng	#	71
54) Dibenzofuran	12.95	168	653862	39.93	ng		97
55) 4-Nitrophenol	13.03	139	111209	55.37	ng	#	73
56) 2,4-Dinitrotoluene	13.02	165	155332	38.80	ng		94
57) Fluorene	13.50	166	461580	32.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	98991	38.31	ng	#	94
59) Diethylphthalate	13.39	149	507896	34.70	ng		98
60) 4-Chlorophenyl-phenylether	13.52	204	212523	33.97	ng		90
61) 4-Nitroaniline	13.63	138	83082	27.06	ng		94
62) Azobenzene	13.78	77	431782	36.71	ng		94
64) 4,6-Dinitro-2-methylphenol	13.69	198	54215	29.83	ng	#	68
65) n-Nitrosodiphenylamine	13.73	169	414248	42.10	ng		99
66) 4-Bromophenyl-phenylether	14.31	248	108775	37.97	ng		99
67) Hexachlorobenzene	14.39	284	104164	35.48	ng	#	87
68) Atrazine	14.65	200	109591	39.44	ng		96
69) Pentachlorophenol	14.75	266	67881	53.26	ng		95
70) Phenanthrene	15.05	178	570067	36.59	ng		98
71) Anthracene	15.13	178	601327	37.79	ng		98
72) Carbazole	15.41	167	516214	35.65	ng		97
73) Di-n-butylphthalate	15.97	149	712930	39.48	ng		99
74) Fluoranthene	16.79	202	541309	33.87	ng		99
76) Benzidine	17.02	184	223528	47.55	ng	#	93
77) Pyrene	17.09	202	524261	40.27	ng		99
79) Butylbenzylphthalate	17.98	149	258959	42.76	ng		88
80) Benzo(a)anthracene	18.67	228	361893	35.72	ng		98
81) 3,3'-Dichlorobenzidine	18.65	252	108569	31.03	ng	#	97
82) Chrysene	18.72	228	348734	35.60	ng		98
83) Bis(2-ethylhexyl)phthalate	18.73	149	343034	39.76	ng	#	97
84) Di-n-octyl phthalate	19.49	149	519655	36.74	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	371640	46.72	ng		99
87) Benzo(b)fluoranthene	19.95	252	330593	31.15	ng		97
88) Benzo(k)fluoranthene	19.98	252	424135	41.43	ng		95
89) Benzo(a)pyrene	20.30	252	369630	37.74	ng		97
90) Dibenzo(a,h)anthracene	21.69	278	302274	37.37	ng		98
91) Benzo(g,h,i)perylene	22.08	276	299128	37.68	ng		96

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

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