Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081075.D
Acq On : 19 Aug 2015 9:33
Operator : UM/IZ
Sample : G3282-09MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MSD

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:19:12 PM

Quant Time: Aug 19 13:12:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	65598	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	278673	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	126612	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	250111	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	151243	20.00	ng		-0.01
86) Perylene-d12	15.07	264	129610	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	563288	129.16	ng		0.00
7) Phenol-d6	6.26	99	815089	143.24	ng		0.00
23) Nitrobenzene-d5	7.19	82	523979	85.89	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	151986	138.48	ng		-0.01
44) 2-Fluorobiphenyl	8.97	172	695898	72.02	ng		-0.02
78) Terphenyl-d14	12.70	244	665598	94.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	71807	34.94	ng		95
3) Pyridine	2.71	79	227753	39.26	ng		84
4) n-Nitrosodimethylamine	2.67	42	132566	41.05	ng	#	79
6) Aniline	6.33	93	190486m	23.02	ng		
8) 2-Chlorophenol	6.40	128	208273	43.63	ng	#	81
9) Benzaldehyde	6.15	77	140978	38.43	ng		94
10) Phenol	6.28	94	284467	42.33	ng	#	65
11) bis(2-Chloroethyl)ether	6.35	93	236524m	45.87	ng		
12) 1,3-Dichlorobenzene	6.55	146	212762	41.48	ng		95
13) 1,4-Dichlorobenzene	6.63	146	212450	41.83	ng		98
14) 1,2-Dichlorobenzene	6.78	146	182024	38.29	ng		99
15) Benzyl Alcohol	6.76	79	191705	41.64	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.90	45	406406	40.11	ng		97
17) 2-Methylphenol	6.89	107	186910	45.63	ng		96
18) Hexachloroethane	7.12	117	80996	39.47	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	178838	45.37	ng		92
20) 3+4-Methylphenols	7.04	107	220254	42.37	ng	#	65
22) Acetophenone	7.03	105	314042	42.92	ng	#	88
24) Nitrobenzene	7.20	77	237837	37.29	ng		96
25) Isophorone	7.44	82	446319	39.23	ng		99
26) 2-Nitrophenol	7.52	139	122198	46.07	ng	#	71
27) 2,4-Dimethylphenol	7.56	122	164403	35.03	ng		96
28) bis(2-Chloroethoxy)methane	7.67	93	288981	43.00	ng		98
29) 2,4-Dichlorophenol	7.76	162	157619	39.90	ng	#	87
30) 1,2,4-Trichlorobenzene	7.84	180	169079	38.51	ng		97
31) Naphthalene	7.92	128	641020	41.27	ng		99
32) Benzoic acid	7.63	122	7141	2.71	ng		96
33) 4-Chloroaniline	7.99	127	96476	14.72	ng	#	91
34) Hexachlorobutadiene	8.04	225	96849	39.00	ng		98
35) Caprolactam	8.35	113	65623m	47.52	ng		
36) 4-Chloro-3-methylphenol	8.47	107	201318	42.76	ng		98
37) 2-Methylnaphthalene	8.60	142	364857	37.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	175005	42.84	ng		98
40) Hexachlorocyclopentadiene	8.76	237	135754	64.21	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	126099	43.69	ng		99
43) 2,4,5-Trichlorophenol	8.94	196	125816	43.62	ng		95
45) 1,1'-Biphenyl	9.07	154	503871	45.18	ng		97
46) 2-Chloronaphthalene	9.10	162	361590	40.36	ng		99
47) 2-Nitroaniline	9.20	65	161053	43.93	ng	#	64
48) Acenaphthylene	9.51	152	590223	36.83	ng		99
49) Dimethylphthalate	9.38	163	535481	51.35	ng		99
50) 2,6-Dinitrotoluene	9.44	165	80994	36.18	ng	#	63
51) Acenaphthene	9.68	154	362732	37.80	ng		99
52) 3-Nitroaniline	9.60	138	70086	25.02	ng		99
53) 2,4-Dinitrophenol	9.71	184	16375	17.68	ng	#	48
54) Dibenzofuran	9.85	168	504050	39.20	ng		98
55) 4-Nitrophenol	9.78	139	150671	76.57	ng	#	81
56) 2,4-Dinitrotoluene	9.84	165	110347	37.19	ng	#	66
57) Fluorene	10.18	166	351418	35.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	88652m	39.71	ng		
59) Diethylphthalate	10.08	149	430662	39.02	ng		98
60) 4-Chlorophenyl-phenylether	10.18	204	166920	39.88	ng		98
61) 4-Nitroaniline	10.22	138	96012	33.53	ng		92
62) Azobenzene	10.34	77	554098	43.57	ng		97
64) 4,6-Dinitro-2-methylphenol	10.24	198	35521	23.78	ng		87
65) n-Nitrosodiphenylamine	10.31	169	378071	42.35	ng		100
66) 4-Bromophenyl-phenylether	10.67	248	103297	42.04	ng		98
67) Hexachlorobenzene	10.73	284	109870	44.15	ng		96
68) Atrazine	10.84	200	124245	49.95	ng		94
69) Pentachlorophenol	10.92	266	110542	74.04	ng		99
70) Phenanthrene	11.13	178	549926	37.10	ng		99
71) Anthracene	11.19	178	561148	38.90	ng		100
72) Carbazole	11.35	167	603739	43.47	ng		100
73) Di-n-butylphthalate	11.69	149	714231	42.50	ng		98
74) Fluoranthene	12.31	202	574709	35.93	ng		92
76) Benzidine	12.45	184	165063	28.89	ng		99
77) Pyrene	12.54	202	529428	43.06	ng		99
79) Butylbenzylphthalate	13.18	149	307375	58.16	ng	#	78
80) Benzo(a)anthracene	13.73	228	413878	40.80	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	92050	28.02	ng		99
82) Chrysene	13.76	228	403250	44.11	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	381861	56.41	ng	#	97
84) Di-n-octyl phthalate	14.34	149	590049	57.35	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	376167	58.61	ng	#	94
87) Benzo(b)fluoranthene	14.72	252	387838m	42.30	ng		
88) Benzo(k)fluoranthene	14.74	252	263697m	30.87	ng		
89) Benzo(a)pyrene	15.03	252	333940	41.80	ng		97
90) Dibenzo(a,h)anthracene	16.32	278	316411	50.83	ng		99
91) Benzo(g,h,i)perylene	16.66	276	311829	49.38	ng	#	89

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

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