Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085135.D
Acq On : 2 Mar 2016 22:38
Operator : SJ/IZ
Sample : H1617-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMSD

Manual Integrations APPROVED
UMANGI
3/3/2016 1:42:59 PM

Quant Time: Mar 03 04:43:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	171420	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	655406	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	319125	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	555182	20.00	ng		0.00
75) Chrysene-d12	14.16	240	329216	20.00	ng		0.00
86) Perylene-d12	15.64	264	391207	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1531028	145.00	ng		0.04
7) Phenol-d6	6.63	99	1860665	134.42	ng		0.01
23) Nitrobenzene-d5	7.56	82	1243304	100.93	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	497139	155.02	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	2101735	97.00	ng		0.00
78) Terphenyl-d14	13.10	244	1571716	111.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	214932	41.07	ng	#	84
3) Pyridine	3.61	79	405712	30.21	ng		99
4) n-Nitrosodimethylamine	3.56	42	269974	44.18	ng		88
6) Aniline	6.66	93	179726	9.15	ng		97
8) 2-Chlorophenol	6.78	128	565427	46.46	ng		97
9) Benzaldehyde	6.54	77	42891	3.74	ng		98
10) Phenol	6.64	94	685036	44.23	ng		88
11) bis(2-Chloroethyl)ether	6.73	93	608768	49.58	ng		99
12) 1,3-Dichlorobenzene	6.94	146	614510	47.01	ng		98
13) 1,4-Dichlorobenzene	7.01	146	573276	43.03	ng		99
14) 1,2-Dichlorobenzene	7.17	146	592511	50.51	ng		97
15) Benzyl Alcohol	7.13	79	513671	50.91	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	793415	43.85	ng		100
17) 2-Methylphenol	7.25	107	499382	48.97	ng		96
18) Hexachloroethane	7.51	117	229334	46.56	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	404955	44.39	ng		95
20) 3+4-Methylphenols	7.40	107	560764	46.01	ng		90
22) Acetophenone	7.41	105	813647	49.35	ng	#	94
24) Nitrobenzene	7.58	77	709100	55.49	ng		93
25) Isophorone	7.82	82	1185726	50.32	ng		97
26) 2-Nitrophenol	7.89	139	292065	51.11	ng	#	70
27) 2,4-Dimethylphenol	7.92	122	552653	49.90	ng		93
28) bis(2-Chloroethoxy)methane	8.02	93	731734	56.31	ng		100
29) 2,4-Dichlorophenol	8.14	162	474390	52.06	ng	#	84
30) 1,2,4-Trichlorobenzene	8.22	180	515797	51.93	ng		98
31) Naphthalene	8.30	128	1761681	53.15	ng		100
32) Benzoic acid	8.05	122	358776	53.84	ng		98
33) 4-Chloroaniline	8.34	127	80822	6.17	ng	#	93
34) Hexachlorobutadiene	8.41	225	293561	50.95	ng		98
35) Caprolactam	8.72	113	143696m	50.25	ng		
36) 4-Chloro-3-methylphenol	8.82	107	497522	49.38	ng		100
37) 2-Methylnaphthalene	9.00	142	1160029	57.25	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	440161	44.79	ng		99
40) Hexachlorocyclopentadiene	9.14	237	475062	84.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	366996	55.46	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	341494	53.86	ng	#	92
45) 1,1'-Biphenyl	9.45	154	1214134	42.86	ng		96
46) 2-Chloronaphthalene	9.49	162	1034485	50.07	ng		95
47) 2-Nitroaniline	9.58	65	315025	48.57	ng		92
48) Acenaphthylene	9.90	152	1513052	49.28	ng		99
49) Dimethylphthalate	9.76	163	1246225	52.67	ng		98
50) 2,6-Dinitrotoluene	9.82	165	290340	59.17	ng	#	81
51) Acenaphthene	10.07	154	1106534	57.40	ng		99
52) 3-Nitroaniline	9.98	138	85007	14.58	ng		91
53) 2,4-Dinitrophenol	10.09	184	248020	91.76	ng	#	1
54) Dibenzofuran	10.24	168	1351803	54.02	ng		99
55) 4-Nitrophenol	10.14	139	353999	79.15	ng	#	61
56) 2,4-Dinitrotoluene	10.22	165	334008	50.52	ng		97
57) Fluorene	10.58	166	1042587	52.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.36	232	283617	59.05	ng		98
59) Diethylphthalate	10.46	149	1198412	52.85	ng		100
60) 4-Chlorophenyl-phenylether	10.57	204	508574	50.14	ng		96
61) 4-Nitroaniline	10.60	138	216258	39.58	ng		87
62) Azobenzene	10.73	77	1253230	54.70	ng		98
64) 4,6-Dinitro-2-methylphenol	10.63	198	176278	52.11	ng		85
65) n-Nitrosodiphenylamine	10.70	169	956788	54.68	ng		97
66) 4-Bromophenyl-phenylether	11.06	248	336725	57.76	ng		93
67) Hexachlorobenzene	11.13	284	367685	55.87	ng		96
68) Atrazine	11.21	200	290383	54.40	ng		99
69) Pentachlorophenol	11.33	266	425571	110.20	ng		99
70) Phenanthrene	11.54	178	1410662	51.08	ng		100
71) Anthracene	11.60	178	1585779	51.13	ng		98
72) Carbazole	11.75	167	1406116	52.10	ng		98
73) Di-n-butylphthalate	12.08	149	1703903	53.04	ng		99
74) Fluoranthene	12.73	202	1396213	46.07	ng		98
76) Benzidine	12.85	184	147810	14.85	ng		97
77) Pyrene	12.96	202	1377270	61.28	ng		98
79) Butylbenzylphthalate	13.57	149	531194	55.81	ng	#	64
80) Benzo(a)anthracene	14.15	228	1040750	54.45	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	182451	30.54	ng	#	97
82) Chrysene	14.19	228	1001455	57.37	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	680371	61.92	ng		100
84) Di-n-octyl phthalate	14.75	149	1155507	70.84	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1271247	86.13	ng		99
87) Benzo(b)fluoranthene	15.20	252	1088920	45.71	ng		99
88) Benzo(k)fluoranthene	15.24	252	1011297m	49.02	ng		
89) Benzo(a)pyrene	15.57	252	1068988	53.36	ng		99
90) Dibenzo(a,h)anthracene	17.15	278	1083673	60.05	ng		98
91) Benzo(g,h,i)perylene	17.58	276	1023119	55.76	ng		98

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

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