Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088717.D
Acq On : 5 Jul 2016 22:09
Operator : UM/SJ
Sample : H3837-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C1.2-6MSD

Manual Integrations APPROVED
sohil
7/6/2016 7:19:30 PM

Quant Time: Jul 06 02:11:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	99606	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	398468	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	189133	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	376497	20.00	ng		0.00
75) Chrysene-d12	13.91	240	248833	20.00	ng		-0.01
86) Perylene-d12	15.29	264	192387	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	735049	110.60	ng		0.01
7) Phenol-d6	6.41	99	939702	109.42	ng		0.00
23) Nitrobenzene-d5	7.34	82	602948	79.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	211618	120.49	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1118705	93.43	ng		0.00
78) Terphenyl-d14	12.87	244	833405	74.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	77852	23.63	ng	#	33
3) Pyridine	3.07	79	48424	5.06	ng		91
4) n-Nitrosodimethylamine	3.00	42	61910	16.95	ng		88
6) Aniline	6.43	93	117636	9.40	ng	#	73
8) 2-Chlorophenol	6.56	128	163496	22.89	ng		95
9) Benzaldehyde	6.32	77	106538	18.31	ng		98
10) Phenol	6.42	94	135302	13.80	ng	#	47
11) bis(2-Chloroethyl)ether	6.51	93	150509	20.59	ng		90
12) 1,3-Dichlorobenzene	6.72	146	151044m	19.22	ng		
13) 1,4-Dichlorobenzene	6.79	146	151337	19.40	ng		94
14) 1,2-Dichlorobenzene	6.95	146	158799m	21.75	ng		
15) Benzyl Alcohol	6.91	79	137807	21.80	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.06	45	186304	17.60	ng		90
17) 2-Methylphenol	7.04	107	133752	22.95	ng		97
18) Hexachloroethane	7.29	117	62707	20.78	ng		92
19) n-Nitroso-di-n-propylamine	7.19	70	112915	19.57	ng		94
20) 3+4-Methylphenols	7.19	107	160989	23.02	ng	#	79
22) Acetophenone	7.19	105	226956	23.47	ng	#	90
24) Nitrobenzene	7.36	77	188756	24.62	ng		89
25) Isophorone	7.60	82	327902	23.28	ng		98
26) 2-Nitrophenol	7.68	139	82107	26.12	ng	#	82
27) 2,4-Dimethylphenol	7.71	122	125996	19.24	ng		87
28) bis(2-Chloroethoxy)methane	7.82	93	217321	23.71	ng	#	96
29) 2,4-Dichlorophenol	7.92	162	131304	24.81	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	126404	21.77	ng		98
31) Naphthalene	8.08	128	436485	22.22	ng		99
33) 4-Chloroaniline	8.12	127	108939	12.46	ng	#	93
34) Hexachlorobutadiene	8.20	225	72165	23.21	ng		99
35) Caprolactam	8.48	113	36554m	20.34	ng		
36) 4-Chloro-3-methylphenol	8.62	107	154225	24.65	ng		97
37) 2-Methylnaphthalene	8.78	142	297372	23.51	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	119715	19.03	ng	#	1
40) Hexachlorocyclopentadiene	8.92	237	158580	51.36	ng		99
42) 2,4,6-Trichlorophenol	9.05	196	102658	24.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	85144	23.86	ng	#	86
45) 1,1'-Biphenyl	9.23	154	361195	23.06	ng		100
46) 2-Chloronaphthalene	9.26	162	278976	22.69	ng		98
47) 2-Nitroaniline	9.35	65	85281	19.54	ng		94
48) Acenaphthylene	9.67	152	439970	22.49	ng		99
49) Dimethylphthalate	9.54	163	624034	46.31	ng		99
50) 2,6-Dinitrotoluene	9.60	165	81540	27.30	ng		92
51) Acenaphthene	9.84	154	268688	22.41	ng		97
52) 3-Nitroaniline	9.76	138	69119	18.21	ng		95
53) 2,4-Dinitrophenol	9.86	184	20243	15.35	ng	#	87
54) Dibenzofuran	10.01	168	387614	24.70	ng	#	87
55) 4-Nitrophenol	9.93	139	186833	64.76	ng	#	79
56) 2,4-Dinitrotoluene	10.00	165	105084	26.91	ng		95
57) Fluorene	10.35	166	311503	25.75	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	64109	23.22	ng	#	52
59) Diethylphthalate	10.24	149	373809	27.64	ng		100
60) 4-Chlorophenyl-phenylether	10.35	204	145950	25.97	ng		91
61) 4-Nitroaniline	10.36	138	65431	17.91	ng		84
62) Azobenzene	10.51	77	392538	25.45	ng		91
64) 4,6-Dinitro-2-methylphenol	10.40	198	23700	11.77	ng		86
65) n-Nitrosodiphenylamine	10.47	169	274542	21.55	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	80505	21.22	ng	#	73
67) Hexachlorobenzene	10.90	284	97230	23.15	ng	#	85
68) Atrazine	10.99	200	78871	19.86	ng		91
69) Pentachlorophenol	11.10	266	94570	38.05	ng		98
70) Phenanthrene	11.31	178	476527	23.15	ng		98
71) Anthracene	11.36	178	444183	21.71	ng		98
72) Carbazole	11.52	167	414633	21.53	ng		97
73) Di-n-butylphthalate	11.85	149	506304	22.60	ng		99
74) Fluoranthene	12.49	202	468086	22.43	ng		98
76) Benzidine	12.62	184	72983	5.80	ng		98
77) Pyrene	12.72	202	481305	22.81	ng		98
79) Butylbenzylphthalate	13.35	149	214219	22.76	ng		99
80) Benzo(a)anthracene	13.90	228	358710	22.39	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	81103	13.46	ng	#	96
82) Chrysene	13.93	228	317292	20.02	ng		97
83) Bis(2-ethylhexyl)phthalate	13.91	149	295768	27.53	ng		100
84) Di-n-octyl phthalate	14.51	149	412778	22.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	269612	22.11	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	256565m	21.26	ng		
88) Benzo(k)fluoranthene	14.94	252	276562m	26.32	ng		
89) Benzo(a)pyrene	15.23	252	238215	23.31	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	224742	26.34	ng		97
91) Benzo(g,h,i)perylene	17.02	276	231131	26.18	ng		100

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

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