Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088903.D
Acq On : 11 Jul 2016 17:00
Operator : UM/SJ
Sample : H3813-19MS 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-TL001-01MS

Manual Integrations APPROVED
sohil
7/12/2016 7:37:31 PM

Quant Time: Jul 12 11:30:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	76873	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	337229	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	144789	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	250245	20.00	ng		0.00
75) Chrysene-d12	13.84	240	174735	20.00	ng		-0.01
86) Perylene-d12	15.21	264	149224	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	226	0.04	ng		0.01
7) Phenol-d6	6.34	99	393	0.06	ng		-0.01
23) Nitrobenzene-d5	7.27	82	12084	1.88	ng		-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.07	172	26945	2.94	ng		0.00
78) Terphenyl-d14	12.80	244	23135	2.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	1798	0.71	ng	#	27
3) Pyridine	2.99	79	484	0.07	ng	#	1
4) n-Nitrosodimethylamine	2.75	42	2447	0.87	ng	#	1
6) Aniline	6.40	93	2802	0.29	ng	#	45
9) Benzaldehyde	6.25	77	1974	0.44	ng		91
11) bis(2-Chloroethyl)ether	6.44	93	2792	0.49	ng	#	82
12) 1,3-Dichlorobenzene	6.65	146	2479	0.41	ng		93
13) 1,4-Dichlorobenzene	6.73	146	2703	0.45	ng		98
14) 1,2-Dichlorobenzene	6.88	146	2710	0.48	ng	#	89
15) Benzyl Alcohol	6.86	79	2554	0.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	3645	0.45	ng		87
18) Hexachloroethane	7.22	117	520	0.22	ng	#	86
19) n-Nitroso-di-n-propylamine	7.12	70	2239	0.50	ng	#	89
22) Acetophenone	7.12	105	2730	0.33	ng	#	88
24) Nitrobenzene	7.29	77	3254	0.50	ng		88
25) Isophorone	7.53	82	5666	0.48	ng		93
28) bis(2-Chloroethoxy)methane	7.75	93	3461	0.45	ng	#	87
30) 1,2,4-Trichlorobenzene	7.94	180	2437	0.50	ng		99
31) Naphthalene	8.02	128	8042	0.48	ng		99
33) 4-Chloroaniline	8.07	127	455	0.06	ng	#	46
34) Hexachlorobutadiene	8.15	225	1177	0.45	ng		93
37) 2-Methylnaphthalene	8.71	142	5795m	0.54	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	2308	0.48	ng	#	1
45) 1,1'-Biphenyl	9.18	154	6441	0.54	ng		93
46) 2-Chloronaphthalene	9.19	162	4513	0.48	ng	#	89
47) 2-Nitroaniline	9.29	65	643	0.19	ng		94
48) Acenaphthylene	9.60	152	6330	0.42	ng		98
49) Dimethylphthalate	9.47	163	5897	0.57	ng	#	95
50) 2,6-Dinitrotoluene	9.53	165	881	0.39	ng	#	66
51) Acenaphthene	9.78	154	4276	0.47	ng		97
52) 3-Nitroaniline	9.69	138	232	0.08	ng	#	67
54) Dibenzofuran	9.95	168	7121	0.59	ng		98
56) 2,4-Dinitrotoluene	9.93	165	900	0.30	ng	#	53
57) Fluorene	10.28	166	5945	0.64	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) Diethylphthalate	10.17	149	6867	0.66	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	2821	0.66	ng		89
61) 4-Nitroaniline	10.30	138	272	0.10	ng	#	73
62) Azobenzene	10.44	77	5765	0.49	ng		92
65) n-Nitrosodiphenylamine	10.40	169	692	0.08	ng	#	76
66) 4-Bromophenyl-phenylether	10.78	248	1575	0.62	ng		93
67) Hexachlorobenzene	10.83	284	1579	0.57	ng		96
68) Atrazine	10.92	200	1488	0.56	ng		91
70) Phenanthrene	11.24	178	9308	0.68	ng		99
71) Anthracene	11.29	178	4830	0.36	ng		97
72) Carbazole	11.45	167	4717	0.37	ng		100
73) Di-n-butylphthalate	11.79	149	11649	0.78	ng		97
74) Fluoranthene	12.42	202	9154	0.66	ng		96
76) Benzidine	12.55	184	344	0.04	ng	#	66
77) Pyrene	12.65	202	7670	0.52	ng		96
79) Butylbenzylphthalate	13.28	149	4208	0.64	ng	#	80
80) Benzo(a)anthracene	13.83	228	5847m	0.52	ng		
81) 3,3'-Dichlorobenzidine	13.81	252	1009	0.24	ng	#	96
82) Chrysene	13.86	228	6431	0.58	ng		95
83) Bis(2-ethylhexyl)phthalate	13.84	149	6320	0.84	ng	#	95
84) Di-n-octyl phthalate	14.46	149	11964	0.93	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	5454	0.64	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	6378m	0.68	ng		
88) Benzo(k)fluoranthene	14.86	252	5764m	0.71	ng		
89) Benzo(a)pyrene	15.15	252	2889	0.36	ng	#	35
90) Dibenzo(a,h)anthracene	16.51	278	4303	0.65	ng	#	66
91) Benzo(g,h,i)perylene	16.88	276	3726	0.54	ng	#	70

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

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