Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088904.D
Acq On : 11 Jul 2016 17:29
Operator : UM/SJ
Sample : H3813-20MSD 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-TL001-01MSD

Manual Integrations APPROVED
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Quant Time: Jul 12 11:34:07 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	85301	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	365507	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	160473	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	274406	20.00	ng		0.00
75) Chrysene-d12	13.84	240	177673	20.00	ng		-0.01
86) Perylene-d12	15.21	264	155744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	209	0.04	ng		0.10
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	7.27	82	13591	1.95	ng		-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.07	172	27575	2.71	ng		0.00
78) Terphenyl-d14	12.80	244	22910	2.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	2654	0.94	ng	#	52
3) Pyridine	3.00	79	985	0.12	ng	#	1
4) n-Nitrosodimethylamine	2.75	42	2308	0.74	ng	#	1
6) Aniline	6.40	93	2743	0.26	ng	#	45
9) Benzaldehyde	6.25	77	2489	0.50	ng		90
11) bis(2-Chloroethyl)ether	6.44	93	3006	0.48	ng		85
12) 1,3-Dichlorobenzene	6.65	146	3298m	0.49	ng		
13) 1,4-Dichlorobenzene	6.73	146	3192	0.48	ng		95
14) 1,2-Dichlorobenzene	6.88	146	3250m	0.52	ng		
15) Benzyl Alcohol	6.86	79	3830	0.71	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	4015	0.44	ng		86
18) Hexachloroethane	7.22	117	762	0.29	ng		90
19) n-Nitroso-di-n-propylamine	7.12	70	2286	0.46	ng	#	94
22) Acetophenone	7.12	105	4253	0.48	ng	#	92
24) Nitrobenzene	7.29	77	3430	0.49	ng	#	90
25) Isophorone	7.53	82	6535	0.51	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	3776	0.45	ng	#	88
30) 1,2,4-Trichlorobenzene	7.94	180	2812	0.53	ng		97
31) Naphthalene	8.02	128	8539	0.47	ng		97
33) 4-Chloroaniline	8.07	127	231	0.03	ng	#	46
34) Hexachlorobutadiene	8.15	225	1501	0.53	ng		95
35) Caprolactam	8.39	113	301	0.18	ng	#	85
37) 2-Methylnaphthalene	8.71	142	5954m	0.51	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	2511	0.47	ng	#	1
45) 1,1'-Biphenyl	9.18	154	6754	0.51	ng		93
46) 2-Chloronaphthalene	9.19	162	5282	0.51	ng		93
47) 2-Nitroaniline	9.29	65	604	0.16	ng		88
48) Acenaphthylene	9.60	152	4584	0.28	ng		97
49) Dimethylphthalate	9.47	163	5680	0.50	ng	#	96
50) 2,6-Dinitrotoluene	9.53	165	848	0.33	ng	#	73
51) Acenaphthene	9.77	154	2273	0.22	ng	#	88
52) 3-Nitroaniline	9.69	138	218	0.07	ng	#	70
54) Dibenzofuran	9.94	168	7110	0.53	ng	#	80
56) 2,4-Dinitrotoluene	9.93	165	939	0.28	ng	#	60

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Fluorene	10.28	166	5966	0.58	ng		98
59) Diethylphthalate	10.17	149	6348	0.55	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	2925	0.61	ng		96
61) 4-Nitroaniline	10.30	138	278	0.09	ng	#	22
62) Azobenzene	10.44	77	5752	0.44	ng		94
66) 4-Bromophenyl-phenylether	10.78	248	1544	0.56	ng		90
67) Hexachlorobenzene	10.83	284	1608	0.53	ng		93
68) Atrazine	10.92	200	1339	0.46	ng		88
70) Phenanthrene	11.24	178	8625	0.57	ng		98
71) Anthracene	11.29	178	1540	0.10	ng		96
72) Carbazole	11.45	167	1998	0.14	ng		99
73) Di-n-butylphthalate	11.79	149	10631	0.65	ng		98
74) Fluoranthene	12.42	202	7972	0.52	ng		99
77) Pyrene	12.65	202	3441	0.23	ng		98
79) Butylbenzylphthalate	13.28	149	4087	0.61	ng	#	76
80) Benzo(a)anthracene	13.83	228	3027m	0.26	ng		
81) 3,3'-Dichlorobenzidine	13.81	252	464	0.11	ng	#	24
82) Chrysene	13.86	228	5707m	0.50	ng		
83) Bis(2-ethylhexyl)phthalate	13.85	149	6268	0.82	ng	#	96
84) Di-n-octyl phthalate	14.46	149	8107	0.62	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.49	276	2918	0.34	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	5230m	0.54	ng		
88) Benzo(k)fluoranthene	14.86	252	3857m	0.45	ng		
89) Benzo(a)pyrene	15.22	252	714	0.09	ng	#	1
90) Dibenzo(a,h)anthracene	16.51	278	2392	0.35	ng	#	67
91) Benzo(g,h,i)perylene	16.88	276	1928	0.27	ng	#	77

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

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