Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088886.D
Acq On : 9 Jul 2016 22:29
Operator : UM/SJ
Sample : H3813-30MS 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WW001-01MS

Manual Integrations APPROVED
sohil
7/11/2016 8:07:40 PM

Quant Time: Jul 11 15:52:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	83888	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	332839	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	162649	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	308708	20.00	ng		-0.01
75) Chrysene-d12	13.85	240	175217	20.00	ng		-0.02
86) Perylene-d12	15.23	264	162217	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	13699	2.45	ng		-0.02
7) Phenol-d6	6.34	99	11842	1.64	ng		-0.03
23) Nitrobenzene-d5	7.28	82	22477	3.54	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	8611	5.70	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	42688	4.15	ng		-0.01
78) Terphenyl-d14	12.81	244	34952	4.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	1391	0.50	ng	#	87
3) Pyridine	3.00	79	475	0.06	ng	#	23
4) n-Nitrosodimethylamine	2.87	42	252	0.08	ng	#	74
6) Aniline	6.38	93	3015	0.29	ng		96
8) 2-Chlorophenol	6.50	128	4054	0.67	ng		85
9) Benzaldehyde	6.26	77	2874	0.59	ng		96
10) Phenol	6.36	94	2809	0.34	ng	#	71
11) bis(2-Chloroethyl)ether	6.44	93	4369	0.71	ng		99
12) 1,3-Dichlorobenzene	6.66	146	4514m	0.68	ng		
13) 1,4-Dichlorobenzene	6.73	146	4743m	0.72	ng		
14) 1,2-Dichlorobenzene	6.89	146	4758	0.77	ng		96
15) Benzyl Alcohol	6.86	79	3184	0.60	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	5399	0.61	ng		90
17) 2-Methylphenol	6.98	107	2629	0.54	ng		96
18) Hexachloroethane	7.23	117	1860	0.73	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	3810	0.78	ng		88
20) 3+4-Methylphenols	7.13	107	3933	0.67	ng	#	62
22) Acetophenone	7.13	105	7171	0.89	ng	#	94
24) Nitrobenzene	7.30	77	5226	0.82	ng		95
25) Isophorone	7.54	82	9917	0.84	ng		96
26) 2-Nitrophenol	7.62	139	1970	0.75	ng	#	87
27) 2,4-Dimethylphenol	7.67	122	3786	0.69	ng		93
28) bis(2-Chloroethoxy)methane	7.76	93	6710	0.88	ng	#	94
29) 2,4-Dichlorophenol	7.86	162	3433	0.78	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	4025	0.83	ng	#	95
31) Naphthalene	8.02	128	15469	0.94	ng		99
33) 4-Chloroaniline	8.08	127	3321	0.45	ng		96
34) Hexachlorobutadiene	8.15	225	2100	0.81	ng		94
36) 4-Chloro-3-methylphenol	8.56	107	4064	0.78	ng		98
37) 2-Methylnaphthalene	8.72	142	9905	0.94	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3908	0.72	ng	#	1
40) Hexachlorocyclopentadiene	8.88	237	925	0.35	ng		87
42) 2,4,6-Trichlorophenol	8.99	196	2681	0.75	ng		97
43) 2,4,5-Trichlorophenol	9.03	196	2560	0.83	ng	#	78

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.18	154	12141	0.90	ng		98
46) 2-Chloronaphthalene	9.20	162	9732	0.92	ng		98
47) 2-Nitroaniline	9.29	65	2814	0.75	ng		90
48) Acenaphthylene	9.61	152	15772	0.94	ng		99
49) Dimethylphthalate	9.47	163	16704	1.44	ng		98
50) 2,6-Dinitrotoluene	9.54	165	1914	0.75	ng		93
51) Acenaphthene	9.78	154	10060	0.98	ng		100
52) 3-Nitroaniline	9.70	138	1727	0.53	ng	#	95
54) Dibenzofuran	9.95	168	14509	1.07	ng	#	88
55) 4-Nitrophenol	9.87	139	1763	0.71	ng	#	85
56) 2,4-Dinitrotoluene	9.94	165	2389	0.71	ng	#	89
57) Fluorene	10.30	166	11927	1.15	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1921	0.81	ng	#	50
59) Diethylphthalate	10.17	149	10833	0.93	ng		95
60) 4-Chlorophenyl-phenylether	10.30	204	5032	1.04	ng		94
61) 4-Nitroaniline	10.30	138	1958	0.62	ng	#	70
62) Azobenzene	10.44	77	11586	0.87	ng		89
65) n-Nitrosodiphenylamine	10.41	169	10105	0.97	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	2817	0.91	ng	#	68
67) Hexachlorobenzene	10.85	284	3322	0.96	ng	#	81
68) Atrazine	10.95	200	3599	1.11	ng		90
69) Pentachlorophenol	11.04	266	3522	1.73	ng		97
70) Phenanthrene	11.26	178	14816	0.88	ng		99
71) Anthracene	11.30	178	16796	1.00	ng		97
72) Carbazole	11.46	167	13782	0.87	ng		98
73) Di-n-butylphthalate	11.81	149	19661	1.07	ng		100
74) Fluoranthene	12.43	202	14833	0.87	ng		98
77) Pyrene	12.66	202	14006	0.94	ng		97
79) Butylbenzylphthalate	13.29	149	7104	1.07	ng	#	87
80) Benzo(a)anthracene	13.84	228	10063	0.89	ng		96
81) 3,3'-Dichlorobenzidine	13.82	252	1121	0.26	ng	#	92
82) Chrysene	13.87	228	8455	0.76	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	10787	1.43	ng	#	97
84) Di-n-octyl phthalate	14.46	149	11412	0.89	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	9096	1.06	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	7951m	0.78	ng		
88) Benzo(k)fluoranthene	14.87	252	7376m	0.83	ng		
89) Benzo(a)pyrene	15.17	252	7476	0.87	ng	#	82
90) Dibenzo(a,h)anthracene	16.53	278	7592	1.06	ng	#	86
91) Benzo(g,h,i)perylene	16.90	276	7322	0.98	ng		98

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

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