Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092242.D
Acq On : 13 Jan 2017 11:52
Operator : UM/SJ
Sample : I1131-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Manual Integrations APPROVED
Sohil
1/16/2017 12:00:34 PM

Quant Time: Jan 16 09:49:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 12:48:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	221495	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	806165	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	430025	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	523473	20.00	ng		0.00
75) Chrysene-d12	13.73	240	304232	20.00	ng		0.00
86) Perylene-d12	15.09	264	344809	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1682659	126.85	ng		0.02
7) Phenol-d6	6.27	99	2076598	128.22	ng		0.01
23) Nitrobenzene-d5	7.17	82	1275596	87.99	ng		0.01
41) 2,4,6-Tribromophenol	10.42	330	390299	109.67	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	1693250	79.90	ng		0.00
78) Terphenyl-d14	12.69	244	1147089	91.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	188693	28.89	ng		96
3) Pyridine	2.70	79	515049	22.60	ng		97
4) n-Nitrosodimethylamine	2.66	42	268701	31.25	ng		97
6) Aniline	6.26	93	414961	19.73	ng	#	63
8) 2-Chlorophenol	6.38	128	613184	40.64	ng		91
9) Benzaldehyde	6.13	77	34811	2.65	ng		97
10) Phenol	6.28	94	834119	45.20	ng	#	62
11) bis(2-Chloroethyl)ether	6.34	93	552976	37.66	ng		98
12) 1,3-Dichlorobenzene	6.53	146	551720	34.25	ng		98
13) 1,4-Dichlorobenzene	6.60	146	550200m	33.56	ng		
14) 1,2-Dichlorobenzene	6.76	146	489966	34.44	ng		98
15) Benzyl Alcohol	6.75	79	395929	31.46	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	821416	37.56	ng	#	50
17) 2-Methylphenol	6.88	107	467664	38.54	ng	#	89
18) Hexachloroethane	7.10	117	209359	34.44	ng		95
19) n-Nitroso-di-n-propylamine	7.02	70	419591	38.94	ng		97
20) 3+4-Methylphenols	7.03	107	595451	41.14	ng	#	70
22) Acetophenone	7.01	105	882955	44.40	ng	#	92
24) Nitrobenzene	7.18	77	618397	40.05	ng		97
25) Isophorone	7.42	82	1221045	45.65	ng		95
26) 2-Nitrophenol	7.50	139	291268	38.25	ng		90
27) 2,4-Dimethylphenol	7.56	122	472576	37.42	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	558521	34.43	ng		98
29) 2,4-Dichlorophenol	7.75	162	423677	39.62	ng		93
30) 1,2,4-Trichlorobenzene	7.82	180	415807	35.48	ng		97
31) Naphthalene	7.90	128	1538036	41.69	ng		98
32) Benzoic acid	7.66	122	24259	2.59	ng		90
33) 4-Chloroaniline	7.96	127	233743	14.05	ng		97
34) Hexachlorobutadiene	8.02	225	215696	34.87	ng		100
35) Caprolactam	8.34	113	115486	32.86	ng	#	63
36) 4-Chloro-3-methylphenol	8.47	107	447014	36.32	ng	#	83
37) 2-Methylnaphthalene	8.59	142	927680	39.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	435459	40.08	ng		99
40) Hexachlorocyclopentadiene	8.75	237	187685	40.84	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	267042	35.15	ng		97
43) 2,4,5-Trichlorophenol	8.93	196	251871	32.21	ng		99
45) 1,1'-Biphenyl	9.06	154	1076129	36.55	ng		98
46) 2-Chloronaphthalene	9.08	162	879784	37.73	ng		99
47) 2-Nitroaniline	9.18	65	286487	34.51	ng		99
48) Acenaphthylene	9.49	152	1273276	35.51	ng		98
49) Dimethylphthalate	9.36	163	1254776	45.62	ng		98
50) 2,6-Dinitrotoluene	9.43	165	214581	35.65	ng	#	82
51) Acenaphthene	9.66	154	930595	38.28	ng		100
52) 3-Nitroaniline	9.59	138	157406	21.13	ng		100
53) 2,4-Dinitrophenol	9.71	184	64367	19.22	ng	#	43
54) Dibenzofuran	9.83	168	1132911	34.51	ng		96
55) 4-Nitrophenol	9.79	139	239876	47.42	ng		92
56) 2,4-Dinitrotoluene	9.83	165	262583	34.75	ng		88
57) Fluorene	10.18	166	843619	35.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	214443	34.67	ng		98
59) Diethylphthalate	10.06	149	971807	36.38	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	346682	33.15	ng		99
61) 4-Nitroaniline	10.21	138	235649	30.52	ng		90
62) Azobenzene	10.32	77	1067523	36.30	ng		99
64) 4,6-Dinitro-2-methylphenol	10.24	198	104837	33.12	ng		82
65) n-Nitrosodiphenylamine	10.29	169	725452	46.70	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	283448	52.05	ng	#	87
67) Hexachlorobenzene	10.71	284	244949	42.08	ng	#	78
68) Atrazine	10.83	200	229475	45.80	ng		97
69) Pentachlorophenol	10.92	266	189523	66.36	ng		99
70) Phenanthrene	11.12	178	1368930	48.23	ng		99
71) Anthracene	11.18	178	1282374	55.22	ng		97
72) Carbazole	11.34	167	1073232	46.70	ng		98
73) Di-n-butylphthalate	11.67	149	1288875	48.21	ng		99
74) Fluoranthene	12.31	202	1590563	65.62	ng		92
76) Benzidine	12.44	184	160822	17.24	ng		96
77) Pyrene	12.53	202	1342267	60.13	ng		99
79) Butylbenzylphthalate	13.17	149	452222	44.54	ng	#	75
80) Benzo(a)anthracene	13.72	228	978532	56.98	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	179497	27.56	ng		98
82) Chrysene	13.75	228	776387	45.07	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	585616	48.98	ng	#	99
84) Di-n-octyl phthalate	14.34	149	1014790	45.82	ng		98
85) Indeno(1,2,3-cd)pyrene	16.34	276	833431	55.85	ng		99
87) Benzo(b)fluoranthene	14.73	252	1066664m	49.69	ng		
88) Benzo(k)fluoranthene	14.75	252	712741m	38.93	ng		
89) Benzo(a)pyrene	15.03	252	890131	46.72	ng		99
90) Dibenzo(a,h)anthracene	16.35	278	654385m	41.78	ng		
91) Benzo(g,h,i)perylene	16.70	276	699668	42.96	ng		97

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

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