Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-72-11931

Manual Integrations APPROVED
Sohil
2/23/2018 10:20:44 AM

Quant Time: Feb 23 03:42:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 22 14:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162494	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	625590	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	248364	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	380082	20.00	ng		0.00
75) Chrysene-d12	14.05	240	275577	20.00	ng		0.00
86) Perylene-d12	15.54	264	248777	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	978284	91.05	ng		0.01
7) Phenol-d6	6.50	99	1163576	88.51	ng		0.00
23) Nitrobenzene-d5	7.43	82	681369	62.20	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	180435	85.83	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	910315	58.50	ng		0.00
78) Terphenyl-d14	12.99	244	645711	56.33	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.36	79	111	0.007	ng	#	21
4) n-Nitrosodimethylamine	3.41	42	110	0.018	ng	#	1
6) Aniline	6.54	93	1591	0.084	ng	#	1
8) 2-Chlorophenol	6.65	128	258	0.023	ng	#	1
10) Phenol	6.52	94	3800	0.249	ng	#	1
11) bis(2-Chloroethyl)ether	6.59	93	1215	0.105	ng	#	1
12) 1,3-Dichlorobenzene	7.03	146	119	0.009	ng	#	1
13) 1,4-Dichlorobenzene	7.03	146	119	0.009	ng	#	1
14) 1,2-Dichlorobenzene	7.03	146	119	0.010	ng	#	1
15) Benzyl Alcohol	7.03	79	18819	1.900	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	7.14	45	332	0.017	ng	#	1
17) 2-Methylphenol	7.14	107	1596	0.157	ng	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	11712	1.431	ng	#	70
20) 3+4-Methylphenols	7.29	107	1692	0.137	ng	#	1
22) Acetophenone	7.26	105	3684	0.252	ng	#	1
24) Nitrobenzene	7.44	77	13832	1.147	ng	#	37
25) Isophorone	7.67	82	33521	1.554	ng	#	1
26) 2-Nitrophenol	7.77	139	4240	0.747	ng	#	1
27) 2,4-Dimethylphenol	7.81	122	11894	1.370	ng	#	1
29) 2,4-Dichlorophenol	8.00	162	3850	0.463	ng	#	1
30) 1,2,4-Trichlorobenzene	8.12	180	865	0.098	ng	#	1
31) Naphthalene	8.17	128	12786	0.417	ng	#	1
33) 4-Chloroaniline	8.23	127	3082	0.233	ng	#	1
36) 4-Chloro-3-methylphenol	8.74	107	7445	0.794	ng	#	32
42) 2,4,6-Trichlorophenol	9.13	196	2633	0.576	ng	#	13
43) 2,4,5-Trichlorophenol	9.13	196	2633	0.501	ng	#	1
45) 1,1'-Biphenyl	9.33	154	3991	0.192	ng	#	50
46) 2-Chloronaphthalene	9.36	162	865	0.053	ng	#	1
47) 2-Nitroaniline	9.43	65	4597	0.754	ng	#	49
48) Acenaphthylene	9.77	152	27690	1.093	ng	#	1
49) Dimethylphthalate	9.62	163	77093	3.869	ng	#	78
50) 2,6-Dinitrotoluene	9.71	165	6330	1.514	ng	#	79
51) Acenaphthene	9.95	154	123651	8.371	ng		95
52) 3-Nitroaniline	9.86	138	9367	1.766	ng	#	28

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	10.12	168	34672	1.710	ng	#	41
55) 4-Nitrophenol	10.06	139	4210	1.281	ng	#	1
56) 2,4-Dinitrotoluene	10.12	165	7755	1.467	ng	#	53
57) Fluorene	10.46	166	93588	5.418	ng	#	94
58) 2,3,4,6-Tetrachlorophenol	10.24	232	414	0.117	ng	#	1
59) Diethylphthalate	10.32	149	21315	1.119	ng	#	55
60) 4-Chlorophenyl-phenylether	10.47	204	2539	0.347	ng	#	1
61) 4-Nitroaniline	10.37	138	10384	1.960	ng		93
62) Azobenzene	10.61	77	6823	0.352	ng	#	1
66) 4-Bromophenyl-phenylether	10.93	248	556	0.140	ng	#	1
68) Atrazine	11.12	200	695	0.175	ng	#	1
69) Pentachlorophenol	11.23	266	276	0.133	ng	#	4
70) Phenanthrene	11.43	178	259528	12.407	ng		99
71) Anthracene	11.48	178	83502m	3.893	ng		
72) Carbazole	11.64	167	3997	0.187	ng	#	1
73) Di-n-butylphthalate	11.95	149	5194	0.194	ng	#	36
74) Fluoranthene	12.62	202	96839	4.607	ng		97
76) Benzidine	12.72	184	465	0.045	ng	#	1
77) Pyrene	12.85	202	126534	5.889	ng		98
79) Butylbenzylphthalate	13.46	149	660	0.058	ng	#	31
80) Benzo(a)anthracene	14.04	228	46869	2.621	ng	#	86
81) 3,3'-Dichlorobenzidine	14.00	252	136	0.021	ng	#	22
82) Chrysene	14.07	228	42801	2.465	ng		94
83) Bis(2-ethylhexyl)phthalate	14.01	149	9002	0.588	ng	#	83
84) Di-n-octyl phthalate	14.63	149	7182	0.290	ng	#	40
85) Indeno(1,2,3-cd)pyrene	17.06	276	16621	1.209	ng		97
87) Benzo(b)fluoranthene	15.11	252	40821m	2.496	ng		
89) Benzo(a)pyrene	15.48	252	33063	2.264	ng	#	75
90) Dibenzo(a,h)anthracene	17.07	278	7696	0.682	ng	#	51
91) Benzo(g,h,i)perylene	17.52	276	14441	1.309	ng	#	83

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

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