Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103174.D
Acq On : 22 Feb 2018 20:35
Operator : SJ/JU
Sample : J1634-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-257928

Quant Time: Feb 23 04:18:17 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	167511	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	686155	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	246427	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	309876	20.00	ng		0.00
75) Chrysene-d12	14.04	240	290973	20.00	ng		0.00
86) Perylene-d12	15.54	264	261862	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	573354	51.77	ng		0.00
7) Phenol-d6	6.50	99	410273	30.27	ng		0.00
23) Nitrobenzene-d5	7.44	82	952795	79.30	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	199605	95.69	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1353996	98.16	ng		0.00
78) Terphenyl-d14	12.99	244	877125	72.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	114	0.019	ng	#	1
3) Pyridine	3.45	79	107	0.007	ng	#	21
4) n-Nitrosodimethylamine	3.38	42	2188	0.347	ng	#	1
6) Aniline	6.53	93	945	0.048	ng	#	4
8) 2-Chlorophenol	6.66	128	612	0.053	ng	#	1
9) Benzaldehyde	6.65	77	20851	1.495	ng		87
10) Phenol	6.51	94	6924	0.440	ng	#	34
11) bis(2-Chloroethyl)ether	6.59	93	397	0.033	ng	#	1
12) 1,3-Dichlorobenzene	6.89	146	415	0.032	ng	#	1
13) 1,4-Dichlorobenzene	6.89	146	415	0.031	ng	#	5
14) 1,2-Dichlorobenzene	7.03	146	244	0.020	ng	#	1
16) 2,2'-oxybis(1-Chloropropan	6.97	45	650	0.032	ng		70
17) 2-Methylphenol	7.13	107	1695	0.162	ng		93
20) 3+4-Methylphenols	7.28	107	8591	0.674	ng	#	74
22) Acetophenone	7.27	105	5866	0.366	ng	#	77
24) Nitrobenzene	7.44	77	5735	0.434	ng	#	16
26) 2-Nitrophenol	7.83	139	107	0.017	ng	#	1
27) 2,4-Dimethylphenol	7.81	122	567	0.060	ng	#	52
28) bis(2-Chloroethoxy)methane	7.89	93	2168	0.156	ng	#	11
29) 2,4-Dichlorophenol	8.05	162	259	0.028	ng	#	1
31) Naphthalene	8.17	128	35918	1.069	ng	#	92
33) 4-Chloroaniline	8.17	127	4662	0.322	ng	#	1
35) Caprolactam	8.60	113	872	0.272	ng	#	1
36) 4-Chloro-3-methylphenol	8.72	107	2237	0.218	ng	#	51
45) 1,1'-Biphenyl	9.33	154	6074	0.294	ng		96
46) 2-Chloronaphthalene	9.33	162	685	0.042	ng	#	33
47) 2-Nitroaniline	9.43	65	813	0.134	ng	#	14
48) Acenaphthylene	9.77	152	8177	0.325	ng	#	23
49) Dimethylphthalate	9.62	163	50016	2.530	ng		98
50) 2,6-Dinitrotoluene	9.60	165	2699	0.651	ng	#	1
51) Acenaphthene	9.94	154	75679	5.163	ng		98
52) 3-Nitroaniline	9.86	138	597	0.113	ng	#	51
54) Dibenzofuran	10.12	168	23006	1.143	ng	#	93
55) 4-Nitrophenol	10.05	139	1530	0.469	ng	#	50

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
56) 2,4-Dinitrotoluene	10.11	165	2494	0.475 ng	#	38
57) Fluorene	10.46	166	44883	2.619 ng		98
59) Diethylphthalate	10.32	149	13706	0.725 ng	#	90
60) 4-Chlorophenyl-phenylether	10.58	204	122	0.017 ng	#	1
61) 4-Nitroaniline	10.53	138	814	0.155 ng		94
62) Azobenzene	10.62	77	1221	0.063 ng	#	1
65) n-Nitrosodiphenylamine	10.57	169	4394	0.407 ng	#	45
68) Atrazine	11.12	200	156	0.048 ng	#	5
69) Pentachlorophenol	11.22	266	112	0.066 ng	#	19
70) Phenanthrene	11.42	178	73562	4.314 ng		99
71) Anthracene	11.47	178	16481	0.942 ng		98
72) Carbazole	11.63	167	1481	0.085 ng	#	45
73) Di-n-butylphthalate	11.95	149	5041	0.231 ng	#	84
74) Fluoranthene	12.62	202	9397	0.548 ng		80
76) Benzidine	12.99	184	11920	1.096 ng	#	94
77) Pyrene	12.85	202	10439	0.460 ng	#	90
79) Butylbenzylphthalate	13.45	149	801	0.067 ng	#	1
80) Benzo(a)anthracene	14.03	228	3564	0.189 ng	#	67
81) 3,3'-Dichlorobenzidine	13.98	252	226	0.034 ng	#	27
82) Chrysene	14.07	228	4552	0.248 ng	#	70
83) Bis(2-ethylhexyl)phthalate	14.01	149	3992	0.247 ng	#	73
84) Di-n-octyl phthalate	14.63	149	3044	0.116 ng	#	1
85) Indeno(1,2,3-cd)pyrene	17.06	276	4324	0.298 ng	#	80
87) Benzo(b)fluoranthene	15.10	252	5233	0.304 ng	#	59
88) Benzo(k)fluoranthene	15.13	252	4028	0.248 ng	#	54
89) Benzo(a)pyrene	15.47	252	3472	0.226 ng	#	59
90) Dibenzo(a,h)anthracene	17.07	278	2792	0.235 ng	#	57
91) Benzo(g,h,i)perylene	17.52	276	3372	0.290 ng	#	65

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

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