Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102075.D
Acq On : 15 Jan 2018 20:54
Operator : SJ/JU
Sample : J1117-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-1_9.5-10.0MS

Manual Integrations APPROVED
Sohil
1/16/2018 5:01:22 PM

Quant Time: Jan 16 01:33:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	239467	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	929267	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	365472	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	515875	20.00	ng		0.00
75) Chrysene-d12	13.87	240	372561	20.00	ng		0.00
86) Perylene-d12	15.29	264	361066	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1888756	111.38	ng		0.02
7) Phenol-d6	6.37	99	2345307	115.91	ng		0.01
23) Nitrobenzene-d5	7.30	82	1524660	96.41	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	361400	113.31	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	2143760	91.64	ng		0.00
78) Terphenyl-d14	12.83	244	1378069	76.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	249360	29.464	ng		97
3) Pyridine	3.21	79	102550	4.437	ng		99
4) n-Nitrosodimethylamine	3.13	42	337722	34.895	ng		98
6) Aniline	6.39	93	328770	11.530	ng	#	93
8) 2-Chlorophenol	6.52	128	590662	34.728	ng		94
9) Benzaldehyde	6.27	77	112015	7.973	ng		97
10) Phenol	6.39	94	763686	33.399	ng		94
11) bis(2-Chloroethyl)ether	6.47	93	590892	33.951	ng		95
12) 1,3-Dichlorobenzene	6.66	146	635847	32.431	ng		99
13) 1,4-Dichlorobenzene	6.74	146	647535	33.098	ng		99
14) 1,2-Dichlorobenzene	6.90	146	583450	32.220	ng		97
15) Benzyl Alcohol	6.87	79	497023	33.582	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1024379	31.929	ng		99
17) 2-Methylphenol	6.99	107	499051	32.526	ng		99
18) Hexachloroethane	7.23	117	219285	31.829	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	421702	31.804	ng		99
20) 3+4-Methylphenols	7.14	107	548277	29.762	ng	#	68
22) Acetophenone	7.14	105	828621	37.009	ng	#	89
24) Nitrobenzene	7.32	77	624725	36.765	ng		95
25) Isophorone	7.55	82	1173724	37.564	ng		99
26) 2-Nitrophenol	7.63	139	319778	44.962	ng		90
27) 2,4-Dimethylphenol	7.66	122	451647	34.003	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	746801	39.584	ng		99
29) 2,4-Dichlorophenol	7.87	162	483408	38.328	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	472611	35.825	ng		99
31) Naphthalene	8.03	128	1638556	35.288	ng		99
32) Benzoic acid	7.73	122	50571m	5.021	ng		
33) 4-Chloroaniline	8.08	127	353367	17.830	ng		98
34) Hexachlorobutadiene	8.15	225	241657	34.606	ng		96
35) Caprolactam	8.45	113	126407m	29.195	ng		
36) 4-Chloro-3-methylphenol	8.56	107	512287	37.107	ng		100
37) 2-Methylnaphthalene	8.72	142	1101536	36.035	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	410077	39.661	ng		99
40) Hexachlorocyclopentadiene	8.87	237	128121	22.658	ng		96

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102075.D
Acq On : 15 Jan 2018 20:54
Operator : SJ/JU
Sample : J1117-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-1_9.5-10.0MS

Manual Integrations APPROVED
Sohil
1/16/2018 5:01:22 PM

Quant Time: Jan 16 01:33:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	293157	41.145	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	299784	37.226	ng		99
45) 1,1'-Biphenyl	9.19	154	1209477	37.441	ng		99
46) 2-Chloronaphthalene	9.21	162	911611	36.391	ng		99
47) 2-Nitroaniline	9.31	65	322535	42.983	ng		97
48) Acenaphthylene	9.62	152	1362376	34.270	ng		98
49) Dimethylphthalate	9.49	163	1353315	46.159	ng		99
50) 2,6-Dinitrotoluene	9.55	165	246525	42.095	ng		98
51) Acenaphthene	9.79	154	790147	32.746	ng		99
52) 3-Nitroaniline	9.72	138	246900	33.405	ng		98
53) 2,4-Dinitrophenol	9.82	184	33621	22.054	ng	#	23
54) Dibenzofuran	9.97	168	1154269	34.856	ng		98
55) 4-Nitrophenol	9.88	139	367917	66.796	ng		96
56) 2,4-Dinitrotoluene	9.95	165	293260	39.952	ng	#	97
57) Fluorene	10.31	166	836818	36.554	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	206224	35.970	ng	#	99
59) Diethylphthalate	10.19	149	963193	33.027	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	370874	38.046	ng		95
61) 4-Nitroaniline	10.33	138	233476	33.285	ng		93
62) Azobenzene	10.46	77	954246	32.887	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	37778	17.555	ng		93
65) n-Nitrosodiphenylamine	10.42	169	759477	39.316	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	228806	41.999	ng		91
67) Hexachlorobenzene	10.85	284	227030	38.173	ng		98
68) Atrazine	10.95	200	245470	43.970	ng		99
69) Pentachlorophenol	11.05	266	202757	55.907	ng		99
70) Phenanthrene	11.27	178	1095334	36.349	ng		99
71) Anthracene	11.32	178	1097903	35.924	ng		100
72) Carbazole	11.47	167	1018594	33.909	ng		100
73) Di-n-butylphthalate	11.80	149	1360767	36.924	ng		99
74) Fluoranthene	12.45	202	968911	32.681	ng		98
77) Pyrene	12.67	202	983139	29.854	ng		100
79) Butylbenzylphthalate	13.30	149	488040	32.292	ng		98
80) Benzo(a)anthracene	13.86	228	812520	34.182	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	199834	22.705	ng		99
82) Chrysene	13.90	228	840331	33.903	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	595524	34.349	ng	#	100
84) Di-n-octyl phthalate	14.47	149	1192807	41.460	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	688600	38.170	ng		98
87) Benzo(b)fluoranthene	14.89	252	839144	35.643	ng		97
88) Benzo(k)fluoranthene	14.92	252	790247	34.796	ng		100
89) Benzo(a)pyrene	15.23	252	758993	35.827	ng		98
90) Dibenzo(a,h)anthracene	16.68	278	578296	34.206	ng		97
91) Benzo(g,h,i)perylene	17.08	276	545590	32.037	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102075.D
Acq On : 15 Jan 2018 20:54
Operator : SJ/JU
Sample : J1117-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 16 01:33:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
UST-1_9.5-10.0MS

Manual Integrations APPROVED
Sohil
1/16/2018 5:01:22 PM