Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
Data File : BF111586.D
Acq On : 18 Dec 2018 20:13
Operator : JU/SJ
Sample : PB115777BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Manual Integrations APPROVED
Sohil
12/19/2018 4:09:33 PM

Quant Time: Dec 19 01:16:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114079	20.00	ng		-0.02
21) Naphthalene-d8	8.06	136	471801	20.00	ng		-0.02
39) Acenaphthene-d10	9.82	164	245043	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	460301	20.00	ng		-0.02
76) Chrysene-d12	13.94	240	331400	20.00	ng		-0.01
87) Perylene-d12	15.37	264	245290	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	513734	74.94	ng		-0.01
7) Phenol-d6	6.42	99	589468	64.64	ng		-0.02
23) Nitrobenzene-d5	7.34	82	536413	67.70	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	154276	70.28	ng		-0.02
45) 2-Fluorobiphenyl	9.14	172	1135249	71.56	ng		-0.02
79) Terphenyl-d14	12.89	244	1081794	76.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	86711	26.189	ng	#	93
3) Pyridine	3.26	79	212234	25.522	ng		88
4) n-Nitrosodimethylamine	3.20	42	124470	32.953	ng		82
6) Aniline	6.44	93	109788	9.706	ng	#	1
8) 2-Chlorophenol	6.56	128	242929	29.657	ng		97
9) Benzaldehyde	6.32	77	63730	11.522	ng		97
10) Phenol	6.43	94	280762	27.639	ng		88
11) bis(2-Chloroethyl)ether	6.51	93	215988	27.123	ng		97
12) 1,3-Dichlorobenzene	6.72	146	251095	27.848	ng		99
13) 1,4-Dichlorobenzene	6.79	146	266729	29.144	ng		98
14) 1,2-Dichlorobenzene	6.95	146	246816	28.666	ng		99
15) Benzyl Alcohol	6.92	79	202187	29.140	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	445298	28.640	ng		89
17) 2-Methylphenol	7.04	107	193016	29.279	ng	#	90
18) Hexachloroethane	7.29	117	97579	28.649	ng		92
19) n-Nitroso-di-n-propylamine	7.19	70	171655	28.532	ng	#	86
20) 3+4-Methylphenols	7.19	107	251221	30.380	ng	#	75
22) Acetophenone	7.18	105	343946	32.657	ng	#	89
24) Nitrobenzene	7.36	77	244694	30.275	ng		97
25) Isophorone	7.60	82	471971	35.207	ng		99
26) 2-Nitrophenol	7.67	139	126062	30.076	ng		97
27) 2,4-Dimethylphenol	7.72	122	214615	35.319	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	289287	31.259	ng		100
29) 2,4-Dichlorophenol	7.92	162	207624	32.008	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	207089	30.497	ng		98
31) Naphthalene	8.08	128	751522	34.056	ng		96
32) Benzoic acid	7.85	122	124048m	23.624	ng		
33) 4-Chloroaniline	8.13	127	61187	6.236	ng		97
34) Hexachlorobutadiene	8.20	225	119753	32.010	ng		96
35) Caprolactam	8.49	113	71602m	29.731	ng		
36) 4-Chloro-3-methylphenol	8.63	107	234994	32.912	ng		98
37) 2-Methylnaphthalene	8.77	142	515478	34.521	ng		98
38) 1-Methylnaphthalene	8.87	142	502460	34.830	ng		96
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	200295	29.805	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
Data File : BF111586.D
Acq On : 18 Dec 2018 20:13
Operator : JU/SJ
Sample : PB115777BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Manual Integrations APPROVED
Sohil
12/19/2018 4:09:33 PM

Quant Time: Dec 19 01:16:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	131465	38.104	ng		99
43) 2,4,6-Trichlorophenol	9.06	196	138652	29.152	ng		99
44) 2,4,5-Trichlorophenol	9.10	196	153041	30.238	ng		94
46) 1,1'-Biphenyl	9.24	154	623084	30.009	ng		91
47) 2-Chloronaphthalene	9.26	162	481821	30.529	ng		96
48) 2-Nitroaniline	9.36	65	150097	29.291	ng		96
49) Acenaphthylene	9.67	152	794466	33.913	ng		95
50) Dimethylphthalate	9.54	163	587330	33.281	ng		97
51) 2,6-Dinitrotoluene	9.60	165	126884	31.942	ng	#	88
52) Acenaphthene	9.85	154	447292	30.209	ng		98
53) 3-Nitroaniline	9.77	138	54484	11.292	ng	#	94
54) 2,4-Dinitrophenol	9.87	184	67508	44.670	ng		88
55) Dibenzofuran	10.02	168	706210	32.859	ng		99
56) 4-Nitrophenol	9.95	139	143214	42.891	ng		97
57) 2,4-Dinitrotoluene	10.00	165	175326	33.628	ng		98
58) Fluorene	10.36	166	569144	36.509	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	127859	32.334	ng		99
60) Diethylphthalate	10.24	149	600961	33.618	ng		97
61) 4-Chlorophenyl-phenylether	10.36	204	248934	32.639	ng		99
62) 4-Nitroaniline	10.38	138	125957	26.371	ng		95
63) Azobenzene	10.52	77	566063	32.120	ng		97
65) 4,6-Dinitro-2-methylphenol	10.42	198	61317	23.596	ng		90
66) n-Nitrosodiphenylamine	10.47	169	499301	31.455	ng		97
67) 4-Bromophenyl-phenylether	10.84	248	150037	30.243	ng		99
68) Hexachlorobenzene	10.92	284	159673	31.289	ng		97
69) Atrazine	11.00	200	160475	34.982	ng		95
70) Pentachlorophenol	11.11	266	147530	47.133	ng		93
71) Phenanthrene	11.32	178	794433	33.494	ng		94
72) Anthracene	11.37	178	866727	35.732	ng		94
73) Carbazole	11.53	167	775976	30.936	ng		96
74) Di-n-butylphthalate	11.86	149	991898	35.507	ng		96
75) Fluoranthene	12.51	202	836281	36.041	ng		95
77) Benzidine	12.63	184	201709	16.558	ng		97
78) Pyrene	12.74	202	811658	34.738	ng		96
80) Butylbenzylphthalate	13.36	149	414277	36.376	ng		92
81) Benzo(a)anthracene	13.93	228	589991	32.742	ng		98
82) 3,3'-Dichlorobenzidine	13.89	252	105921	14.459	ng		99
83) Chrysene	13.96	228	651802	34.337	ng		96
84) Bis(2-ethylhexyl)phthalate	13.92	149	570789	39.239	ng		98
85) Di-n-octyl phthalate	14.53	149	916791	37.365	ng		99
86) Indeno(1,2,3-cd)pyrene	16.79	276	450181	32.859	ng	#	89
88) Benzo(b)fluoranthene	14.96	252	480853	33.624	ng		98
89) Benzo(k)fluoranthene	14.99	252	492716m	36.058	ng		
90) Benzo(a)pyrene	15.31	252	451328	34.998	ng	#	96
91) Dibenzo(a,h)anthracene	16.80	278	374360	36.800	ng	#	92
92) Benzo(g,h,i)perylene	17.20	276	374964	37.551	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
Data File : BF111586.D
Acq On : 18 Dec 2018 20:13
Operator : JU/SJ
Sample : PB115777BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 19 01:16:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Manual Integrations APPROVED
Sohil
12/19/2018 4:09:33 PM