Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111494.D
Acq On : 16 Dec 2018 4:38
Operator : JU/SJ
Sample : J6199-06MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-AMS

Quant Time: Dec 17 00:58:10 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	6.79	152	138756	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	510176	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	198024	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	308224	20.00	ng		0.00
76) Chrysene-d12	13.95	240	272006	20.00	ng		0.00
87) Perylene-d12	15.39	264	186591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1026982	123.16	ng		0.02
7) Phenol-d6	6.44	99	1140693	102.84	ng		0.00
23) Nitrobenzene-d5	7.36	82	869078	101.44	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	232673	131.17	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1482170	115.61	ng		0.00
79) Terphenyl-d14	12.90	244	1250215	107.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	131111	32.556	ng	#	81
3) Pyridine	3.37	79	306314	30.284	ng		94
4) n-Nitrosodimethylamine	3.29	42	202712	44.122	ng		84
6) Aniline	6.46	93	129177	9.389	ng	#	1
8) 2-Chlorophenol	6.59	128	387674	38.911	ng		96
9) Benzaldehyde	6.34	77	108987	16.200	ng		97
10) Phenol	6.45	94	370208	29.963	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	370797	38.283	ng		99
12) 1,3-Dichlorobenzene	6.74	146	414026	37.751	ng		98
13) 1,4-Dichlorobenzene	6.81	146	419725	37.705	ng		97
14) 1,2-Dichlorobenzene	6.97	146	396563	37.867	ng		98
15) Benzyl Alcohol	6.94	79	319871	37.902	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	733652	38.794	ng		99
17) 2-Methylphenol	7.06	107	290415	36.219	ng		96
18) Hexachloroethane	7.31	117	138133	33.343	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	266637	36.438	ng		93
20) 3+4-Methylphenols	7.21	107	359431	35.736	ng	#	75
22) Acetophenone	7.20	105	545304	47.881	ng	#	89
24) Nitrobenzene	7.37	77	385758	44.139	ng		98
25) Isophorone	7.62	82	697756	48.134	ng		99
26) 2-Nitrophenol	7.69	139	167856	37.035	ng		98
27) 2,4-Dimethylphenol	7.73	122	315846	48.069	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	455170	45.483	ng		98
29) 2,4-Dichlorophenol	7.94	162	294410	41.973	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	307666	41.900	ng		99
31) Naphthalene	8.10	128	1090857	45.715	ng		96
32) Benzoic acid	7.83	122	80315	14.145	ng		95
33) 4-Chloroaniline	8.15	127	65608	6.183	ng		96
34) Hexachlorobutadiene	8.22	225	174198	43.061	ng		99
35) Caprolactam	8.50	113	60459	23.216	ng		98
36) 4-Chloro-3-methylphenol	8.64	107	287785	37.274	ng		92
37) 2-Methylnaphthalene	8.79	142	698374	43.251	ng		98
38) 1-Methylnaphthalene	8.89	142	656694	42.098	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	269333	49.595	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111494.D
Acq On : 16 Dec 2018 4:38
Operator : JU/SJ
Sample : J6199-06MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-AMS

Quant Time: Dec 17 00:58:10 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	8.95	237	60133	21.567	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	178067	46.329	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	182359	44.586	ng		97
46) 1,1'-Biphenyl	9.25	154	782570	46.640	ng		94
47) 2-Chloronaphthalene	9.27	162	591638	46.389	ng		96
48) 2-Nitroaniline	9.37	65	183627	44.343	ng		97
49) Acenaphthylene	9.69	152	895696	47.313	ng		95
50) Dimethylphthalate	9.55	163	689498	48.348	ng		98
51) 2,6-Dinitrotoluene	9.61	165	137064	42.698	ng	#	86
52) Acenaphthene	9.86	154	527080	44.050	ng		97
53) 3-Nitroaniline	9.78	138	88695	22.748	ng		88
54) 2,4-Dinitrophenol	9.89	184	9309	7.622	ng	#	78
55) Dibenzofuran	10.03	168	781213	44.979	ng		97
56) 4-Nitrophenol	9.95	139	181010	67.082	ng		99
57) 2,4-Dinitrotoluene	10.02	165	162526	38.575	ng		97
58) Fluorene	10.38	166	590747	46.893	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	136266	42.642	ng		99
60) Diethylphthalate	10.25	149	655642	45.386	ng		96
61) 4-Chlorophenyl-phenylether	10.37	204	263582	42.765	ng		95
62) 4-Nitroaniline	10.39	138	144395	37.410	ng		96
63) Azobenzene	10.53	77	584035	41.009	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	10208	5.866	ng		96
66) n-Nitrosodiphenylamine	10.49	169	520206	48.942	ng		96
67) 4-Bromophenyl-phenylether	10.86	248	153519	46.212	ng		93
68) Hexachlorobenzene	10.93	284	152758	44.703	ng		96
69) Atrazine	11.02	200	152612	49.682	ng		97
70) Pentachlorophenol	11.12	266	120227	57.362	ng		97
71) Phenanthrene	11.34	178	790851	49.795	ng		93
72) Anthracene	11.39	178	830099	51.107	ng		94
73) Carbazole	11.54	167	780177	46.450	ng		94
74) Di-n-butylphthalate	11.88	149	957536	51.189	ng	#	95
75) Fluoranthene	12.53	202	849061	54.646	ng		96
77) Benzidine	12.64	184	348374	34.841	ng		97
78) Pyrene	12.76	202	873547	45.551	ng		95
80) Butylbenzylphthalate	13.37	149	430004	46.001	ng		92
81) Benzo(a)anthracene	13.94	228	730652	49.402	ng		96
82) 3,3'-Dichlorobenzidine	13.90	252	146705	24.400	ng		97
83) Chrysene	13.98	228	713796	45.813	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	595713	49.895	ng		97
85) Di-n-octyl phthalate	14.54	149	1071033	53.183	ng		98
86) Indeno(1,2,3-cd)pyrene	16.81	276	469474	41.750	ng		94
88) Benzo(b)fluoranthene	14.97	252	568238	52.235	ng		99
89) Benzo(k)fluoranthene	15.00	252	522576	50.274	ng		99
90) Benzo(a)pyrene	15.33	252	494395	50.398	ng	#	95
91) Dibenzo(a,h)anthracene	16.82	278	394644	50.999	ng		96
92) Benzo(g,h,i)perylene	17.24	276	388196	51.107	ng	#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111494.D
Acq On : 16 Dec 2018 4:38
Operator : JU/SJ
Sample : J6199-06MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-AMS

Quant Time: Dec 17 00:58:10 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