Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108934.D
Acq On : 11 Sep 2018 14:48
Operator : JU/SJ
Sample : J4825-18MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-WS-COMP-18MS

Quant Time: Sep 11 16:30:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175668	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	668084	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	308847	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	519819	20.00	ng		0.00
75) Chrysene-d12	13.88	240	339086	20.00	ng		0.01
86) Perylene-d12	15.28	264	443584	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	725007	68.37	ng		0.01
7) Phenol-d6	6.37	99	941534	69.01	ng		0.00
23) Nitrobenzene-d5	7.30	82	589370	55.21	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	207329	70.32	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1052860	58.16	ng		0.00
78) Terphenyl-d14	12.82	244	780596	53.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	96726	18.981	ng		95
3) Pyridine	3.17	79	259350	18.583	ng		91
4) n-Nitrosodimethylamine	3.08	42	126752	23.646	ng	#	95
6) Aniline	6.40	93	267731	14.590	ng		98
8) 2-Chlorophenol	6.52	128	276596	23.566	ng		94
9) Benzaldehyde	6.28	77	139370	14.399	ng		98
10) Phenol	6.38	94	349600	22.372	ng		97
11) bis(2-Chloroethyl)ether	6.47	93	270243	21.588	ng		97
12) 1,3-Dichlorobenzene	6.68	146	299723	22.378	ng		98
13) 1,4-Dichlorobenzene	6.75	146	303570	22.664	ng		99
14) 1,2-Dichlorobenzene	6.91	146	284027	23.006	ng		99
15) Benzyl Alcohol	6.88	79	242717	23.181	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	403222	21.548	ng		97
17) 2-Methylphenol	7.00	107	223278	22.510	ng		98
18) Hexachloroethane	7.25	117	109756	22.726	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	194012	20.458	ng		98
20) 3+4-Methylphenols	7.15	107	269768	23.218	ng	#	66
22) Acetophenone	7.14	105	365508	24.106	ng	#	92
24) Nitrobenzene	7.31	77	293956	25.663	ng		96
25) Isophorone	7.56	82	530246	24.901	ng		100
26) 2-Nitrophenol	7.64	139	134496	29.804	ng		95
27) 2,4-Dimethylphenol	7.68	122	243326	26.552	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	338568	23.781	ng		99
29) 2,4-Dichlorophenol	7.88	162	228600	24.192	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	234008	22.851	ng		94
31) Naphthalene	8.04	128	789997	26.283	ng		100
32) Benzoic acid	7.79	122	10069	5.764	ng	#	82
33) 4-Chloroaniline	8.08	127	195975	14.196	ng		98
34) Hexachlorobutadiene	8.17	225	141749	23.171	ng		98
35) Caprolactam	8.44	113	63615	19.868	ng	#	81
36) 4-Chloro-3-methylphenol	8.57	107	225921	22.444	ng		95
37) 2-Methylnaphthalene	8.73	142	516708	26.021	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	227821	24.676	ng		99
40) Hexachlorocyclopentadiene	8.90	237	252829	54.435	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108934.D
Acq On : 11 Sep 2018 14:48
Operator : JU/SJ
Sample : J4825-18MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-WS-COMP-18MS

Quant Time: Sep 11 16:30:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	153327	24.383	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	162507	24.931	ng		95
45) 1,1'-Biphenyl	9.20	154	609683	25.642	ng		98
46) 2-Chloronaphthalene	9.22	162	468673	24.372	ng		97
47) 2-Nitroaniline	9.31	65	142287	27.085	ng		97
48) Acenaphthylene	9.63	152	759485	26.497	ng		100
49) Dimethylphthalate	9.50	163	723269	33.482	ng		99
50) 2,6-Dinitrotoluene	9.55	165	116669	28.344	ng		97
51) Acenaphthene	9.80	154	452250	25.497	ng		98
52) 3-Nitroaniline	9.71	138	97028	19.802	ng		98
53) 2,4-Dinitrophenol	9.82	184	32020	28.014	ng	#	22
54) Dibenzofuran	9.97	168	644062	24.910	ng		99
55) 4-Nitrophenol	9.88	139	160626	43.851	ng		93
56) 2,4-Dinitrotoluene	9.95	165	147729	28.064	ng	#	96
57) Fluorene	10.31	166	471924	28.442	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	122042	23.217	ng		88
59) Diethylphthalate	10.19	149	511066	22.926	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	222245	25.080	ng		97
61) 4-Nitroaniline	10.32	138	100103	22.552	ng		96
62) Azobenzene	10.47	77	520874	22.636	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	31380	20.023	ng		78
65) n-Nitrosodiphenylamine	10.42	169	442363	25.595	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	146665	24.981	ng		91
67) Hexachlorobenzene	10.87	284	149327	23.826	ng	#	91
68) Atrazine	10.95	200	127794	23.098	ng		97
69) Pentachlorophenol	11.05	266	118447	30.912	ng		98
70) Phenanthrene	11.27	178	745018	30.012	ng		99
71) Anthracene	11.32	178	696316	29.297	ng		99
72) Carbazole	11.47	167	565101	22.577	ng		100
73) Di-n-butylphthalate	11.82	149	714102	25.691	ng		98
74) Fluoranthene	12.45	202	736035	29.947	ng		98
76) Benzidine	12.57	184	209642	13.044	ng	#	95
77) Pyrene	12.68	202	723527	27.730	ng		99
79) Butylbenzylphthalate	13.31	149	244814	20.835	ng		96
80) Benzo(a)anthracene	13.87	228	574939	26.453	ng		100
81) 3,3'-Dichlorobenzidine	13.82	252	143678	16.968	ng		98
82) Chrysene	13.90	228	545028	25.904	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	318787	21.589	ng		100
84) Di-n-octyl phthalate	14.48	149	597316	24.263	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	752929	40.435	ng		94
87) Benzo(b)fluoranthene	14.88	252	637895	26.447	ng		99
88) Benzo(k)fluoranthene	14.91	252	568092	25.576	ng		97
89) Benzo(a)pyrene	15.22	252	623434	28.645	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	569451	29.694	ng		96
91) Benzo(g,h,i)perylene	17.06	276	660906	34.420	ng		93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108934.D
Acq On : 11 Sep 2018 14:48
Operator : JU/SJ
Sample : J4825-18MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MS

Quant Time: Sep 11 16:30:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration