Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104624.D
Acq On : 19 Apr 2018 12:05
Operator : JU/SJ
Sample : J2413-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-B1-18-20MSD

Quant Time: Apr 19 15:22:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	134114	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	542372	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	235192	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	384700	20.00	ng		0.00
75) Chrysene-d12	13.98	240	269303	20.00	ng		0.00
86) Perylene-d12	15.44	264	294622	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	778647	88.77	ng		0.01
7) Phenol-d6	6.45	99	945701	87.75	ng		0.00
23) Nitrobenzene-d5	7.37	82	611511	73.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	212952	87.29	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	986336	66.25	ng		0.00
78) Terphenyl-d14	12.92	244	775085	65.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	115393	28.235	ng		89
3) Pyridine	3.30	79	314572	27.376	ng	#	86
4) n-Nitrosodimethylamine	3.26	42	124890	31.093	ng	#	76
6) Aniline	6.47	93	214011	14.294	ng	#	82
8) 2-Chlorophenol	6.59	128	302170	32.640	ng		96
9) Benzaldehyde	6.35	77	175303	29.466	ng		99
10) Phenol	6.46	94	367722	32.159	ng		89
11) bis(2-Chloroethyl)ether	6.54	93	290430	31.829	ng		97
12) 1,3-Dichlorobenzene	6.75	146	320070	30.518	ng		98
13) 1,4-Dichlorobenzene	6.82	146	325315	31.117	ng		100
14) 1,2-Dichlorobenzene	6.97	146	302319	31.205	ng		99
15) Benzyl Alcohol	6.95	79	240324	29.361	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	362707	29.599	ng		85
17) 2-Methylphenol	7.07	107	243587	30.270	ng	#	94
18) Hexachloroethane	7.32	117	116716	31.312	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	198762	28.225	ng		90
20) 3+4-Methylphenols	7.22	107	299814	30.040	ng	#	86
22) Acetophenone	7.22	105	400947	30.027	ng	#	98
24) Nitrobenzene	7.39	77	311311	33.947	ng		94
25) Isophorone	7.63	82	567684	32.320	ng		98
26) 2-Nitrophenol	7.70	139	163095	43.686	ng		96
27) 2,4-Dimethylphenol	7.75	122	244820	31.583	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	365039	33.992	ng		99
29) 2,4-Dichlorophenol	7.95	162	238851	32.293	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	251960	31.040	ng		98
31) Naphthalene	8.11	128	843590	31.236	ng		99
33) 4-Chloroaniline	8.16	127	129573	11.199	ng		96
34) Hexachlorobutadiene	8.22	225	134744	30.306	ng		99
35) Caprolactam	8.52	113	82510	31.978	ng	#	83
36) 4-Chloro-3-methylphenol	8.65	107	236779	29.856	ng		97
37) 2-Methylnaphthalene	8.80	142	550222	31.496	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	231534	34.390	ng		99
40) Hexachlorocyclopentadiene	8.95	237	187272	49.686	ng		97
42) 2,4,6-Trichlorophenol	9.09	196	156730	33.535	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104624.D
Acq On : 19 Apr 2018 12:05
Operator : JU/SJ
Sample : J2413-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-B1-18-20MSD

Quant Time: Apr 19 15:22:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	159990	30.591	ng		99
45) 1,1'-Biphenyl	9.27	154	634805	32.129	ng		98
46) 2-Chloronaphthalene	9.29	162	498791	31.961	ng		99
47) 2-Nitroaniline	9.39	65	142769	36.993	ng		95
48) Acenaphthylene	9.71	152	746883	30.503	ng		99
49) Dimethylphthalate	9.57	163	661448	35.664	ng		100
50) 2,6-Dinitrotoluene	9.63	165	128973	37.581	ng		91
51) Acenaphthene	9.88	154	430279	28.801	ng		99
52) 3-Nitroaniline	9.80	138	94254	23.460	ng		90
53) 2,4-Dinitrophenol	9.91	184	12010	16.887	ng	#	20
54) Dibenzofuran	10.05	168	654674	31.445	ng		99
55) 4-Nitrophenol	9.97	139	159436	50.518	ng		90
56) 2,4-Dinitrotoluene	10.03	165	163092	36.230	ng		98
57) Fluorene	10.39	166	496026	32.732	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	119848	30.716	ng		95
59) Diethylphthalate	10.26	149	549298	29.738	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	226972	33.631	ng		97
61) 4-Nitroaniline	10.42	138	103886	26.445	ng		93
62) Azobenzene	10.55	77	518781	29.397	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	31900	21.767	ng	#	72
65) n-Nitrosodiphenylamine	10.50	169	430336	32.263	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	139201	34.018	ng		94
67) Hexachlorobenzene	10.94	284	158306	34.382	ng		95
68) Atrazine	11.03	200	126146	31.331	ng		99
69) Pentachlorophenol	11.14	266	121873	42.785	ng		96
70) Phenanthrene	11.36	178	662141	30.907	ng		99
71) Anthracene	11.41	178	686268	31.513	ng		99
72) Carbazole	11.57	167	548162	25.759	ng		99
73) Di-n-butylphthalate	11.89	149	778860	29.962	ng		99
74) Fluoranthene	12.54	202	608143	27.169	ng		99
76) Benzidine	12.67	184	173253	14.756	ng		98
77) Pyrene	12.77	202	600502	30.083	ng		99
79) Butylbenzylphthalate	13.39	149	284387	30.240	ng		98
80) Benzo(a)anthracene	13.97	228	524793	32.619	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	159864	26.650	ng		99
82) Chrysene	14.00	228	506843	30.671	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	405362	33.512	ng		98
84) Di-n-octyl phthalate	14.57	149	691725	34.224	ng		95
85) Indeno(1,2,3-cd)pyrene	16.89	276	553549	39.432	ng		98
87) Benzo(b)fluoranthene	15.02	252	541759	29.115	ng		99
88) Benzo(k)fluoranthene	15.04	252	533826	30.387	ng		99
89) Benzo(a)pyrene	15.38	252	529088	31.778	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	451768	33.038	ng		97
91) Benzo(g,h,i)perylene	17.33	276	447167	33.754	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104624.D
Acq On : 19 Apr 2018 12:05
Operator : JU/SJ
Sample : J2413-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

Quant Time: Apr 19 15:22:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration