Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132169.D
Acq On : 20 Jan 2023 19:30
Operator : CG\JU
Sample : 01160-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 03:55:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.090	152	177814	20.000	ng		0.00
21) Naphthalene-d8	8.378	136	648167	20.000	ng		0.00
39) Acenaphthene-d10	10.142	164	336409	20.000	ng		0.00
64) Phenanthrene-d10	11.642	188	691444	20.000	ng		0.00
76) Chrysene-d12	14.307	240	399088	20.000	ng		0.00
86) Perylene-d12	15.901	264	388829	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.719	112	860792	84.566	ng		0.01
7) Phenol-d6	6.701	99	1130956	88.264	ng		0.00
23) Nitrobenzene-d5	7.654	82	728808	59.732	ng		0.00
42) 2,4,6-Tribromophenol	10.942	330	350889	97.649	ng		0.00
45) 2-Fluorobiphenyl	9.454	172	1257900	54.638	ng		0.00
79) Terphenyl-d14	13.236	244	1458459	61.216	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	232902	45.163	ng		99
3) Pyridine	3.849	79	603266	43.577	ng		98
4) n-Nitrosodimethylamine	3.813	42	321956	49.451	ng		98
6) Aniline	6.748	93	573962m	32.340	ng		
8) 2-Chlorophenol	6.872	128	554231	51.800	ng		98
9) Benzaldehyde	6.642	77	286950	34.810	ng		99
10) Phenol	6.719	94	667822	50.064	ng		100
11) bis(2-Chloroethyl)ether	6.819	93	545247	48.285	ng		99
12) 1,3-Dichlorobenzene	7.031	146	582336	48.690	ng		98
13) 1,4-Dichlorobenzene	7.107	146	584525	48.979	ng		97
14) 1,2-Dichlorobenzene	7.260	146	565243	51.222	ng		98
15) Benzyl Alcohol	7.225	79	505776m	51.605	ng		
16) 2,2'-oxybis(1-Chloropr...	7.360	45	795816	48.489	ng		99
17) 2-Methylphenol	7.331	107	440596	47.004	ng		98
18) Hexachloroethane	7.607	117	227234	53.042	ng		97
19) n-Nitroso-di-n-propyla...	7.501	70	362940	46.242	ng		96
20) 3+4-Methylphenols	7.484	107	550662	46.622	ng		96
22) Acetophenone	7.501	105	701517	45.030	ng	#	97
24) Nitrobenzene	7.672	77	617018	47.762	ng		99
25) Isophorone	7.913	82	1110578	46.519	ng		98
26) 2-Nitrophenol	7.989	139	277243	55.974	ng		92
27) 2,4-Dimethylphenol	8.019	122	497074	48.119	ng		99
28) bis(2-Chloroethoxy)met...	8.119	93	626331	43.727	ng		99
29) 2,4-Dichlorophenol	8.231	162	466212	47.538	ng		99
30) 1,2,4-Trichlorobenzene	8.319	180	510929	45.867	ng		100
31) Naphthalene	8.401	128	1480991	44.490	ng		99
32) Benzoic acid	8.131	122	384105	54.430	ng		95
33) 4-Chloroaniline	8.442	127	156655	10.997	ng		96
34) Hexachlorobutadiene	8.513	225	338600	45.249	ng		99
35) Caprolactam	8.825	113	156685m	56.338	ng		
36) 4-Chloro-3-methylphenol	8.913	107	478297	48.463	ng		98
37) 2-Methylnaphthalene	9.095	142	972401	42.428	ng		99
38) 1-Methylnaphthalene	9.195	142	901244	42.262	ng		98
40) 1,2,4,5-Tetrachloroben...	9.260	216	521023	44.514	ng		99
41) Hexachlorocyclopentadiene	9.248	237	660874	103.468	ng		98
43) 2,4,6-Trichlorophenol	9.366	196	359880	49.542	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132169.D
Acq On : 20 Jan 2023 19:30
Operator : CG\JU
Sample : 01160-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 03:55:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	391089	46.034	ng		98
46) 1,1'-Biphenyl	9.560	154	1192784	44.942	ng		99
47) 2-Chloronaphthalene	9.589	162	945639	46.092	ng		98
48) 2-Nitroaniline	9.678	65	336726	51.147	ng		95
49) Acenaphthylene	10.007	152	1431963	43.629	ng		100
50) Dimethylphthalate	9.860	163	1111331	45.612	ng		99
51) 2,6-Dinitrotoluene	9.919	165	263079	55.708	ng		92
52) Acenaphthene	10.183	154	988526	50.073	ng		97
53) 3-Nitroaniline	10.089	138	156641	31.023	ng		99
54) 2,4-Dinitrophenol	10.195	184	280643	124.126	ng	#	48
55) Dibenzofuran	10.354	168	1338669	43.878	ng		96
56) 4-Nitrophenol	10.242	139	418279	113.828	ng		87
57) 2,4-Dinitrotoluene	10.325	165	338233	59.667	ng		96
58) Fluorene	10.701	166	1016870	44.982	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.466	232	334211	51.715	ng		99
60) Diethylphthalate	10.560	149	1110054	46.459	ng		99
61) 4-Chlorophenyl-phenyle...	10.683	204	536734	44.339	ng		98
62) 4-Nitroaniline	10.713	138	249781	53.137	ng		97
63) Azobenzene	10.848	77	1174970	48.999	ng		98
65) 4,6-Dinitro-2-methylph...	10.736	198	181778	52.637	ng		90
66) n-Nitrosodiphenylamine	10.807	169	913423	41.249	ng		99
67) 4-Bromophenyl-phenylether	11.177	248	357406	42.407	ng		99
68) Hexachlorobenzene	11.248	284	384470	45.900	ng		97
69) Atrazine	11.330	200	335931	49.169	ng		98
70) Pentachlorophenol	11.442	266	463745	86.156	ng		97
71) Phenanthrene	11.672	178	1555342	42.864	ng		99
72) Anthracene	11.725	178	1570102	42.772	ng		99
73) Carbazole	11.872	167	1442608	46.007	ng		99
74) Di-n-butylphthalate	12.195	149	1666273	47.735	ng		99
75) Fluoranthene	12.866	202	1732021	46.469	ng		99
77) Benzidine	12.983	184	531921	44.392	ng		99
78) Pyrene	13.101	202	1735084	47.175	ng		99
80) Butylbenzylphthalate	13.707	149	628967	52.219	ng		98
81) Benzo(a)anthracene	14.295	228	1315073	46.125	ng		100
82) 3,3'-Dichlorobenzidine	14.248	252	203765	25.663	ng	#	96
83) Chrysene	14.336	228	1203213	44.336	ng		99
84) Bis(2-ethylhexyl)phtha...	14.266	149	758426	47.310	ng		98
85) Di-n-octyl phthalate	14.907	149	1047668	44.898	ng		99
87) Indeno(1,2,3-cd)pyrene	17.571	276	1384667	44.874	ng		99
88) Benzo(b)fluoranthene	15.424	252	1177388	49.733	ng		99
89) Benzo(k)fluoranthene	15.454	252	1136865	47.085	ng		99
90) Benzo(a)pyrene	15.836	252	1040427	45.685	ng		99
91) Dibenzo(a,h)anthracene	17.595	278	1111774	48.314	ng		98
92) Benzo(g,h,i)perylene	18.083	276	1166053	44.116	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132169.D
Acq On : 20 Jan 2023 19:30
Operator : CG\JU
Sample : 01160-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 21 03:55:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023