Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135778.D
Acq On : 16 Oct 2023 15:47
Operator : CG\JU
Sample : 04830-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-2327MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 17 01:33:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	87102	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	331598	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	165309	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	313616	20.000	ng		0.00
76) Chrysene-d12	13.939	240	167666	20.000	ng		-0.01
86) Perylene-d12	15.415	264	207979	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	598975	110.560	ng		0.00
7) Phenol-d6	6.392	99	669355	99.021	ng		0.00
23) Nitrobenzene-d5	7.310	82	413602	68.601	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	167226	105.421	ng		-0.01
45) 2-Fluorobiphenyl	9.098	172	725338	68.603	ng		0.00
79) Terphenyl-d14	12.868	244	725261	80.107	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	129312	49.485	ng		100
3) Pyridine	3.228	79	284896	44.434	ng		97
4) n-Nitrosodimethylamine	3.199	42	187639	54.420	ng		94
6) Aniline	6.410	93	247868	29.138	ng	#	42
8) 2-Chlorophenol	6.528	128	313392	53.643	ng		97
9) Benzaldehyde	6.298	77	134014	34.832	ng		96
10) Phenol	6.404	94	375014	52.946	ng		87
11) bis(2-Chloroethyl)ether	6.481	93	291179	51.021	ng		99
12) 1,3-Dichlorobenzene	6.675	146	315907	53.337	ng		98
13) 1,4-Dichlorobenzene	6.757	146	318951	53.159	ng		99
14) 1,2-Dichlorobenzene	6.904	146	301799	55.864	ng		98
15) Benzyl Alcohol	6.892	79	248815	55.359	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	530823	51.428	ng		85
17) 2-Methylphenol	7.010	107	242191	47.887	ng		95
18) Hexachloroethane	7.239	117	118885	54.648	ng		94
19) n-Nitroso-di-n-propyla...	7.157	70	206446	49.394	ng		99
20) 3+4-Methylphenols	7.163	107	311718	49.440	ng		94
22) Acetophenone	7.151	105	418027	54.968	ng	#	98
24) Nitrobenzene	7.328	77	316940	52.378	ng		98
25) Isophorone	7.563	82	577234	50.749	ng		99
26) 2-Nitrophenol	7.645	139	162899	55.164	ng		95
27) 2,4-Dimethylphenol	7.686	122	235216	48.385	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	357731	52.811	ng		99
29) 2,4-Dichlorophenol	7.892	162	255184	56.015	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	259118	55.611	ng		99
31) Naphthalene	8.039	128	880358	54.430	ng		99
32) Benzoic acid	7.839	122	165130	50.182	ng		95
33) 4-Chloroaniline	8.104	127	88097	12.469	ng		98
34) Hexachlorobutadiene	8.151	225	155595	56.416	ng		99
35) Caprolactam	8.492	113	87654m	56.283	ng		
36) 4-Chloro-3-methylphenol	8.598	107	273765	54.188	ng		98
37) 2-Methylnaphthalene	8.733	142	546929	51.325	ng		98
38) 1-Methylnaphthalene	8.833	142	524870	53.402	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	269422	56.658	ng		99
41) Hexachlorocyclopentadiene	8.880	237	70261	75.395	ng		97
43) 2,4,6-Trichlorophenol	9.022	196	169352	55.266	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135778.D
Acq On : 16 Oct 2023 15:47
Operator : CG\JU
Sample : 04830-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-2327MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 17 01:33:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	181643	50.965	ng		97
46) 1,1'-Biphenyl	9.198	154	698795	55.184	ng		99
47) 2-Chloronaphthalene	9.228	162	498838	54.660	ng		97
48) 2-Nitroaniline	9.339	65	190751	52.953	ng		94
49) Acenaphthylene	9.639	152	825645	54.669	ng		99
50) Dimethylphthalate	9.504	163	597999	53.587	ng		99
51) 2,6-Dinitrotoluene	9.580	165	130803	54.506	ng		93
52) Acenaphthene	9.810	154	497158	54.921	ng		99
53) 3-Nitroaniline	9.751	138	101434	34.480	ng		98
54) 2,4-Dinitrophenol	9.875	184	98755	98.584	ng		91
55) Dibenzofuran	9.986	168	755532	55.315	ng		99
56) 4-Nitrophenol	9.939	139	147137	107.160	ng		92
57) 2,4-Dinitrotoluene	9.992	165	170264	55.769	ng	#	75
58) Fluorene	10.333	166	609091	56.962	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.075	232	121921	45.266	ng		94
60) Diethylphthalate	10.210	149	622396	54.632	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	278902	53.967	ng		96
62) 4-Nitroaniline	10.375	138	134260	49.603	ng		97
63) Azobenzene	10.486	77	597556	53.987	ng		96
65) 4,6-Dinitro-2-methylph...	10.410	198	76822	48.674	ng		96
66) n-Nitrosodiphenylamine	10.445	169	529141	55.356	ng		100
67) 4-Bromophenyl-phenylether	10.816	248	171264	54.401	ng		96
68) Hexachlorobenzene	10.880	284	186228	58.102	ng		92
69) Atrazine	10.980	200	172631	66.396	ng		99
70) Pentachlorophenol	11.092	266	146807	116.132	ng		97
71) Phenanthrene	11.304	178	1075670	71.598	ng		99
72) Anthracene	11.357	178	878434	56.425	ng		100
73) Carbazole	11.516	167	789557	54.380	ng		100
74) Di-n-butylphthalate	11.839	149	988708	55.463	ng		100
75) Fluoranthene	12.498	202	1078245	64.665	ng		99
77) Benzidine	12.627	184	277733	75.912	ng		98
78) Pyrene	12.727	202	1051188	78.897	ng		99
80) Butylbenzylphthalate	13.351	149	355705	60.754	ng		95
81) Benzo(a)anthracene	13.933	228	716116	65.025	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	143917	39.403	ng		98
83) Chrysene	13.968	228	644866	60.455	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	491056	61.883	ng		100
85) Di-n-octyl phthalate	14.527	149	787153	62.556	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	621138	54.811	ng		98
88) Benzo(b)fluoranthene	14.986	252	719898	61.848	ng		99
89) Benzo(k)fluoranthene	15.015	252	557945	49.373	ng		100
90) Benzo(a)pyrene	15.357	252	599323	54.756	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	500032	53.825	ng		98
92) Benzo(g,h,i)perylene	17.374	276	485133	50.838	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135778.D
Acq On : 16 Oct 2023 15:47
Operator : CG\JU
Sample : 04830-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 17 01:33:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT-2327MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023