Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
Data File : BF135333.D
Acq On : 19 Sep 2023 14:12
Operator : CG\JU
Sample : PB155601BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 20 01:33:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155601BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	137062	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	534660	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	277079	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	535180	20.000	ng		0.00
76) Chrysene-d12	13.945	240	265687	20.000	ng		0.00
86) Perylene-d12	15.410	264	239505	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	1034735	122.787	ng		0.02
7) Phenol-d6	6.410	99	1335877	124.667	ng		0.00
23) Nitrobenzene-d5	7.328	82	879334	89.353	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	336662	122.267	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	1484011	80.806	ng		0.00
79) Terphenyl-d14	12.886	244	1544043	90.090	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	142962	38.698	ng		99
3) Pyridine	3.322	79	374744	37.690	ng		96
4) n-Nitrosodimethylamine	3.281	42	253120	47.974	ng		97
6) Aniline	6.428	93	400786	28.522	ng	#	49
8) 2-Chlorophenol	6.545	128	425529	47.302	ng		99
9) Benzaldehyde	6.316	77	155522	25.477	ng		97
10) Phenol	6.422	94	481049	40.940	ng		81
11) bis(2-Chloroethyl)ether	6.504	93	402941	45.717	ng		100
12) 1,3-Dichlorobenzene	6.698	146	411093	44.965	ng		99
13) 1,4-Dichlorobenzene	6.775	146	418048	44.944	ng		99
14) 1,2-Dichlorobenzene	6.928	146	395301	45.763	ng		98
15) Benzyl Alcohol	6.910	79	355188	46.192	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	782830	47.121	ng		89
17) 2-Methylphenol	7.022	107	340401	42.879	ng		97
18) Hexachloroethane	7.263	117	165382	48.120	ng		92
19) n-Nitroso-di-n-propyla...	7.181	70	276042	41.590	ng		94
20) 3+4-Methylphenols	7.175	107	382856	40.107	ng		96
22) Acetophenone	7.169	105	541446	44.295	ng	#	97
24) Nitrobenzene	7.345	77	434689	44.689	ng		99
25) Isophorone	7.587	82	828801	45.864	ng		99
26) 2-Nitrophenol	7.657	139	227853	48.808	ng		100
27) 2,4-Dimethylphenol	7.704	122	377600	48.120	ng		97
28) bis(2-Chloroethoxy)met...	7.792	93	507123	46.887	ng		99
29) 2,4-Dichlorophenol	7.904	162	338904	46.609	ng		99
30) 1,2,4-Trichlorobenzene	7.981	180	351608	46.264	ng		99
31) Naphthalene	8.063	128	1174500	45.212	ng		99
32) Benzoic acid	7.851	122	287755	48.699	ng		99
33) 4-Chloroaniline	8.116	127	241492	21.188	ng		98
34) Hexachlorobutadiene	8.175	225	206468	45.054	ng		99
35) Caprolactam	8.498	113	122642m	50.257	ng		
36) 4-Chloro-3-methylphenol	8.610	107	383019	47.396	ng		98
37) 2-Methylnaphthalene	8.751	142	759548	43.497	ng		98
38) 1-Methylnaphthalene	8.851	142	702431	42.966	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	351251	43.757	ng		99
41) Hexachlorocyclopentadiene	8.904	237	272512	77.318	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	238886	45.452	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
Data File : BF135333.D
Acq On : 19 Sep 2023 14:12
Operator : CG\JU
Sample : PB155601BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB155601BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

Quant Time: Sep 20 01:33:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	254935	42.120	ng		99
46) 1,1'-Biphenyl	9.222	154	941507	44.217	ng		99
47) 2-Chloronaphthalene	9.245	162	696630	45.091	ng		97
48) 2-Nitroaniline	9.351	65	279149	46.509	ng		97
49) Acenaphthylene	9.663	152	1091231	42.500	ng		100
50) Dimethylphthalate	9.528	163	856747	45.734	ng		99
51) 2,6-Dinitrotoluene	9.592	165	189736	46.234	ng		99
52) Acenaphthene	9.833	154	672176	44.316	ng		98
53) 3-Nitroaniline	9.763	138	149044	30.940	ng		98
54) 2,4-Dinitrophenol	9.881	184	200511	85.592	ng		96
55) Dibenzofuran	10.004	168	963464	41.626	ng		96
56) 4-Nitrophenol	9.945	139	268897	87.829	ng		99
57) 2,4-Dinitrotoluene	10.004	165	225552	43.902	ng	#	84
58) Fluorene	10.351	166	764484	42.964	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	218471	46.923	ng		100
60) Diethylphthalate	10.233	149	859332	45.708	ng		99
61) 4-Chlorophenyl-phenyle...	10.339	204	354595	41.485	ng		99
62) 4-Nitroaniline	10.386	138	214431	46.308	ng		99
63) Azobenzene	10.504	77	837071	45.493	ng		96
65) 4,6-Dinitro-2-methylph...	10.416	198	141299	49.709	ng		98
66) n-Nitrosodiphenylamine	10.469	169	721731	44.545	ng		97
67) 4-Bromophenyl-phenylether	10.833	248	237230	44.569	ng		94
68) Hexachlorobenzene	10.898	284	249282	45.970	ng	#	88
69) Atrazine	11.004	200	240163	55.088	ng		99
70) Pentachlorophenol	11.098	266	250659	77.260	ng		97
71) Phenanthrene	11.316	178	1137976	44.958	ng		98
72) Anthracene	11.369	178	1160723	44.613	ng		100
73) Carbazole	11.527	167	1119942	47.286	ng		100
74) Di-n-butylphthalate	11.857	149	1337470	47.923	ng		99
75) Fluoranthene	12.510	202	1227013	46.523	ng		99
77) Benzidine	12.633	184	318647	58.542	ng		100
78) Pyrene	12.739	202	1220466	48.248	ng		99
80) Butylbenzylphthalate	13.363	149	485884	54.556	ng		92
81) Benzo(a)anthracene	13.939	228	774741	45.158	ng		100
82) 3,3'-Dichlorobenzidine	13.898	252	185323	34.583	ng	#	97
83) Chrysene	13.974	228	757912	44.434	ng		100
84) Bis(2-ethylhexyl)phtha...	13.927	149	543704	59.491	ng		100
85) Di-n-octyl phthalate	14.545	149	820829	56.515	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	776620	49.455	ng		98
88) Benzo(b)fluoranthene	14.986	252	640078	49.369	ng		99
89) Benzo(k)fluoranthene	15.015	252	634445	49.537	ng		99
90) Benzo(a)pyrene	15.351	252	580631	46.961	ng		99
91) Dibenzo(a,h)anthracene	16.909	278	630308	49.055	ng		99
92) Benzo(g,h,i)perylene	17.345	276	659288	49.131	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
Data File : BF135333.D
Acq On : 19 Sep 2023 14:12
Operator : CG\JU
Sample : PB155601BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 20 01:33:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155601BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023