Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134129.D
Acq On : 07 Jul 2023 10:10
Operator : CG\JU
Sample : 03376-06MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 07 13:49:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	106572	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	402656	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	199543	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	381996	20.000	ng		0.00
76) Chrysene-d12	14.039	240	210518	20.000	ng		-0.01
86) Perylene-d12	15.539	264	217545	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	429695	67.446	ng		0.00
7) Phenol-d6	6.475	99	332416	42.427	ng		-0.02
23) Nitrobenzene-d5	7.410	82	702953	94.107	ng		-0.01
42) 2,4,6-Tribromophenol	10.681	330	320208	127.987	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1198624	87.333	ng		0.00
79) Terphenyl-d14	12.974	244	1244452	95.139	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	55631	21.177	ng		99
3) Pyridine	3.469	79	105593	15.432	ng		93
4) n-Nitrosodimethylamine	3.416	42	82626	21.143	ng		99
6) Aniline	6.510	93	236634	24.819	ng		99
8) 2-Chlorophenol	6.628	128	263395	40.727	ng		99
9) Benzaldehyde	6.398	77	146619	32.377	ng		98
10) Phenol	6.493	94	140754	17.086	ng		96
11) bis(2-Chloroethyl)ether	6.581	93	282060	46.506	ng		99
12) 1,3-Dichlorobenzene	6.787	146	262823	38.118	ng		97
13) 1,4-Dichlorobenzene	6.863	146	270979	38.910	ng		98
14) 1,2-Dichlorobenzene	7.010	146	267947	41.082	ng		99
15) Benzyl Alcohol	6.987	79	191492	31.703	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	467332	43.555	ng		97
17) 2-Methylphenol	7.098	107	184290	31.821	ng		98
18) Hexachloroethane	7.351	117	102154	39.560	ng		94
19) n-Nitroso-di-n-propyla...	7.263	70	227588	45.804	ng		96
20) 3+4-Methylphenols	7.251	107	201536	28.685	ng	#	76
22) Acetophenone	7.257	105	445473	48.646	ng	#	90
24) Nitrobenzene	7.434	77	348350	46.149	ng		99
25) Isophorone	7.663	82	618128	45.532	ng		98
26) 2-Nitrophenol	7.745	139	167910	46.371	ng		98
27) 2,4-Dimethylphenol	7.781	122	234527	40.917	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	357883	45.528	ng		99
29) 2,4-Dichlorophenol	7.987	162	250014	43.987	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	244876	41.754	ng		98
31) Naphthalene	8.151	128	819030	42.110	ng		100
32) Benzoic acid	7.875	122	64855	15.100	ng		99
33) 4-Chloroaniline	8.198	127	178143	21.412	ng		98
34) Hexachlorobutadiene	8.263	225	148856	40.237	ng		97
35) Caprolactam	8.563	113	15177m	8.110	ng		
36) 4-Chloro-3-methylphenol	8.675	107	268608	42.068	ng		95
37) 2-Methylnaphthalene	8.839	142	574674	41.783	ng		99
38) 1-Methylnaphthalene	8.939	142	535792	41.904	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	271423	45.912	ng		99
41) Hexachlorocyclopentadiene	8.992	237	208860	74.469	ng		100
43) 2,4,6-Trichlorophenol	9.116	196	182397	45.323	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134129.D
Acq On : 07 Jul 2023 10:10
Operator : CG\JU
Sample : 03376-06MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 07 13:49:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	201695	42.607	ng	94
46) 1,1'-Biphenyl	9.304	154	745592	46.580	ng	99
47) 2-Chloronaphthalene	9.334	162	544630	46.504	ng	99
48) 2-Nitroaniline	9.434	65	188281	44.112	ng	90
49) Acenaphthylene	9.745	152	892153	44.594	ng	99
50) Dimethylphthalate	9.610	163	660175	45.577	ng	99
51) 2,6-Dinitrotoluene	9.675	165	147303	47.216	ng	92
52) Acenaphthene	9.922	154	530795	45.724	ng	100
53) 3-Nitroaniline	9.845	138	112744	30.123	ng	98
54) 2,4-Dinitrophenol	9.957	184	157184	86.892	ng	99
55) Dibenzofuran	10.092	168	806187	44.436	ng	98
56) 4-Nitrophenol	10.004	139	79751	30.463	ng	92
57) 2,4-Dinitrotoluene	10.081	165	196734	47.750	ng	95
58) Fluorene	10.439	166	643276	45.575	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	174218	46.657	ng	97
60) Diethylphthalate	10.310	149	673681	44.641	ng	98
61) 4-Chlorophenyl-phenyle...	10.428	204	300130	44.123	ng	97
62) 4-Nitroaniline	10.463	138	134525	35.665	ng	97
63) Azobenzene	10.592	77	646398	45.282	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	106815	51.289	ng	88
66) n-Nitrosodiphenylamine	10.551	169	555685	45.530	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	187968	46.296	ng	96
68) Hexachlorobenzene	10.986	284	214445	49.744	ng	97
69) Atrazine	11.080	200	178670	52.924	ng	99
70) Pentachlorophenol	11.186	266	197370	76.572	ng	97
71) Phenanthrene	11.404	178	891776	46.373	ng	99
72) Anthracene	11.457	178	914718	45.732	ng	99
73) Carbazole	11.616	167	862197	47.095	ng	99
74) Di-n-butylphthalate	11.945	149	988272	45.393	ng	99
75) Fluoranthene	12.604	202	923464	44.419	ng	98
77) Benzidine	12.727	184	147547	29.456	ng	98
78) Pyrene	12.833	202	924727	47.200	ng	99
80) Butylbenzylphthalate	13.457	149	347286	47.264	ng	96
81) Benzo(a)anthracene	14.027	228	687302	47.076	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	159361	34.453	ng	97
83) Chrysene	14.069	228	643293	45.492	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	405633	48.044	ng	98
85) Di-n-octyl phthalate	14.633	149	610338	49.198	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	785989	52.068	ng	99
88) Benzo(b)fluoranthene	15.098	252	639580	49.999	ng	100
89) Benzo(k)fluoranthene	15.127	252	603024	46.301	ng	97
90) Benzo(a)pyrene	15.480	252	558014	45.112	ng	98
91) Dibenzo(a,h)anthracene	17.110	278	647910	52.548	ng	98
92) Benzo(g,h,i)perylene	17.562	276	652160	51.291	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134129.D
Acq On : 07 Jul 2023 10:10
Operator : CG\JU
Sample : 03376-06MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 07 13:49:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TW-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023