Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
Data File : BF132345.D
Acq On : 07 Feb 2023 15:28
Operator : CG\JU
Sample : 01442-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

Quant Time: Feb 08 03:58:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:05:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	161148	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	622436	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	323438	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	621496	20.000	ng	0.00
76) Chrysene-d12	14.260	240	354250	20.000	ng	0.00
86) Perylene-d12	15.836	264	357566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1089086	108.633	ng	0.02
7) Phenol-d6	6.678	99	1326263	107.304	ng	0.00
23) Nitrobenzene-d5	7.619	82	786625	70.326	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	466363	140.213	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1477539	70.545	ng	0.00
79) Terphenyl-d14	13.189	244	1657419	90.505	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	183635	38.928	ng	# 88
3) Pyridine	3.778	79	451365	35.270	ng	94
4) n-Nitrosodimethylamine	3.731	42	154256	37.670	ng	92
6) Aniline	6.713	93	436191m	26.007	ng	
8) 2-Chlorophenol	6.837	128	507118	48.839	ng	95
9) Benzaldehyde	6.601	77	272432	39.113	ng	98
10) Phenol	6.690	94	560890	43.843	ng	97
11) bis(2-Chloroethyl)ether	6.778	93	465764	44.238	ng	96
12) 1,3-Dichlorobenzene	6.995	146	530532	48.309	ng	97
13) 1,4-Dichlorobenzene	7.072	146	532582	48.584	ng	99
14) 1,2-Dichlorobenzene	7.225	146	508695	49.759	ng	97
15) Benzyl Alcohol	7.195	79	383254	42.496	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.325	45	429042	38.677	ng	93
17) 2-Methylphenol	7.295	107	388838	42.780	ng	99
18) Hexachloroethane	7.566	117	199993	48.632	ng	98
19) n-Nitroso-di-n-propyla...	7.460	70	273020	38.888	ng	97
20) 3+4-Methylphenols	7.448	107	497791	42.910	ng	92
22) Acetophenone	7.460	105	625349	42.721	ng	97
24) Nitrobenzene	7.637	77	450891	39.458	ng	94
25) Isophorone	7.872	82	857973	40.413	ng	98
26) 2-Nitrophenol	7.948	139	270620	48.619	ng	95
27) 2,4-Dimethylphenol	7.978	122	441570m	45.324	ng	
28) bis(2-Chloroethoxy)met...	8.078	93	563655	43.204	ng	99
29) 2,4-Dichlorophenol	8.190	162	409113	47.298	ng	98
30) 1,2,4-Trichlorobenzene	8.278	180	442149	47.735	ng	99
31) Naphthalene	8.360	128	1340551	43.754	ng	99
32) Benzoic acid	8.119	122	366347	50.800	ng	92
33) 4-Chloroaniline	8.407	127	46391	3.415	ng	97
34) Hexachlorobutadiene	8.472	225	256945	49.344	ng	99
35) Caprolactam	8.789	113	144439m	48.982	ng	
36) 4-Chloro-3-methylphenol	8.878	107	433129	46.480	ng	97
37) 2-Methylnaphthalene	9.054	142	913202	44.003	ng	100
38) 1-Methylnaphthalene	9.154	142	844094	43.767	ng	99
40) 1,2,4,5-Tetrachloroben...	9.219	216	429098	47.144	ng	99
41) Hexachlorocyclopentadiene	9.207	237	521283	98.164	ng	99
43) 2,4,6-Trichlorophenol	9.331	196	307096	47.200	ng	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
Data File : BF132345.D
Acq On : 07 Feb 2023 15:28
Operator : CG\JU
Sample : 01442-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 08 03:58:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:05:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.366	196	336798	44.974	ng		98
46)	1,1'-Biphenyl	9.519	154	1128025	45.238	ng		98
47)	2-Chloronaphthalene	9.548	162	861249	45.348	ng		100
48)	2-Nitroaniline	9.636	65	216813	38.386	ng		87
49)	Acenaphthylene	9.966	152	1376002	44.393	ng		99
50)	Dimethylphthalate	9.819	163	1048226	46.331	ng		99
51)	2,6-Dinitrotoluene	9.878	165	243113	48.113	ng		91
52)	Acenaphthene	10.136	154	985936	50.807	ng		98
53)	3-Nitroaniline	10.048	138	116095	18.946	ng		95
54)	2,4-Dinitrophenol	10.160	184	295082	99.622	ng	#	88
55)	Dibenzofuran	10.313	168	1215235	44.571	ng		100
56)	4-Nitrophenol	10.207	139	427830	92.782	ng		94
57)	2,4-Dinitrotoluene	10.289	165	329304	50.170	ng	#	85
58)	Fluorene	10.654	166	957293	45.621	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.425	232	277524	50.834	ng		98
60)	Diethylphthalate	10.519	149	1067894	47.447	ng		98
61)	4-Chlorophenyl-phenyle...	10.642	204	465270	46.722	ng		97
62)	4-Nitroaniline	10.672	138	253302	43.107	ng		98
63)	Azobenzene	10.807	77	1090522	49.742	ng		93
65)	4,6-Dinitro-2-methylph...	10.695	198	183433	52.003	ng		96
66)	n-Nitrosodiphenylamine	10.766	169	845966	43.469	ng		99
67)	4-Bromophenyl-phenylether	11.136	248	301056	47.306	ng		97
68)	Hexachlorobenzene	11.207	284	347797	51.130	ng	#	91
69)	Atrazine	11.289	200	301307	53.827	ng		99
70)	Pentachlorophenol	11.401	266	393939	84.288	ng		99
71)	Phenanthrene	11.625	178	1448459	44.600	ng		100
72)	Anthracene	11.678	178	1477486	44.703	ng		100
73)	Carbazole	11.830	167	1308452	44.152	ng		100
74)	Di-n-butylphthalate	12.154	149	1708693	48.770	ng		100
75)	Fluoranthene	12.824	202	1443719	43.562	ng		98
77)	Benzidine	12.936	184	530532	42.837	ng		99
78)	Pyrene	13.060	202	1509785	52.989	ng		99
80)	Butylbenzylphthalate	13.666	149	699126	55.537	ng		94
81)	Benzo(a)anthracene	14.248	228	1132040	45.690	ng		99
82)	3,3'-Dichlorobenzidine	14.207	252	143696	18.209	ng		98
83)	Chrysene	14.289	228	1031607	44.465	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.219	149	976305	57.378	ng		99
85)	Di-n-octyl phthalate	14.854	149	1390024	50.085	ng	#	96
87)	Indeno(1,2,3-cd)pyrene	17.471	276	1213583	51.079	ng		97
88)	Benzo(b)fluoranthene	15.366	252	1031832	45.398	ng		98
89)	Benzo(k)fluoranthene	15.395	252	1001587	46.167	ng		100
90)	Benzo(a)pyrene	15.771	252	916785	43.317	ng		98
91)	Dibenzo(a,h)anthracene	17.495	278	1000008	52.351	ng		98
92)	Benzo(g,h,i)perylene	17.977	276	962990	48.798	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
Data File : BF132345.D
Acq On : 07 Feb 2023 15:28
Operator : CG\JU
Sample : 01442-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 08 03:58:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:05:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-01-SB02MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023