Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
Data File : BF133533.D
Acq On : 30 May 2023 20:59
Operator : CG\JU
Sample : 02955-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC25MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

Quant Time: May 31 05:22:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 30 12:58:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	139664	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	531231	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	259930	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	484386	20.000	ng		0.00
76) Chrysene-d12	14.004	240	264708	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	286174	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	755623	90.269	ng		0.01
7) Phenol-d6	6.463	99	944415	91.650	ng		0.00
23) Nitrobenzene-d5	7.398	82	587811	73.880	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	262586	101.344	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1060183	62.953	ng		0.00
79) Terphenyl-d14	12.945	244	1027044	68.984	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	155838	41.221	ng		97
3) Pyridine	3.369	79	408988	38.583	ng		98
4) n-Nitrosodimethylamine	3.328	42	261073	45.161	ng		99
6) Aniline	6.493	93	565732	40.435	ng		99
8) 2-Chlorophenol	6.616	128	410999	49.829	ng		96
9) Benzaldehyde	6.381	77	256216	52.520	ng		96
10) Phenol	6.475	94	494119m	47.800	ng		
11) bis(2-Chloroethyl)ether	6.569	93	386102	45.175	ng		96
12) 1,3-Dichlorobenzene	6.775	146	431067	47.075	ng		99
13) 1,4-Dichlorobenzene	6.851	146	435284	47.415	ng		99
14) 1,2-Dichlorobenzene	7.004	146	417926	49.332	ng		98
15) Benzyl Alcohol	6.975	79	370684	47.382	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	734079	45.286	ng		100
17) 2-Methylphenol	7.087	107	342504	43.850	ng		98
18) Hexachloroethane	7.345	117	155693	49.046	ng		94
19) n-Nitroso-di-n-propyla...	7.251	70	281967	42.292	ng		98
20) 3+4-Methylphenols	7.240	107	406973	46.086	ng		94
22) Acetophenone	7.245	105	539233	44.078	ng	#	98
24) Nitrobenzene	7.416	77	444454	52.427	ng		99
25) Isophorone	7.657	82	811285	43.752	ng		99
26) 2-Nitrophenol	7.734	139	212161	53.961	ng		99
27) 2,4-Dimethylphenol	7.769	122	371749	47.118	ng		99
28) bis(2-Chloroethoxy)met...	7.869	93	469133	43.631	ng		99
29) 2,4-Dichlorophenol	7.975	162	333392	46.968	ng		95
30) 1,2,4-Trichlorobenzene	8.057	180	344916	44.924	ng		99
31) Naphthalene	8.139	128	1128960	43.835	ng		100
32) Benzoic acid	7.887	122	272989	51.835	ng		98
33) 4-Chloroaniline	8.187	127	273946	24.818	ng		96
34) Hexachlorobutadiene	8.257	225	203007	43.468	ng		98
35) Caprolactam	8.569	113	123960m	53.249	ng		
36) 4-Chloro-3-methylphenol	8.663	107	373124	46.926	ng		99
37) 2-Methylnaphthalene	8.828	142	742386	42.218	ng		99
38) 1-Methylnaphthalene	8.928	142	706514	43.102	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	333913	43.343	ng		99
41) Hexachlorocyclopentadiene	8.981	237	326198	82.624	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	239245	48.532	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
Data File : BF133533.D
Acq On : 30 May 2023 20:59
Operator : CG\JU
Sample : 02955-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC25MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

Quant Time: May 31 05:22:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 30 12:58:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	259122	45.286	ng		95
46) 1,1'-Biphenyl	9.298	154	929259	44.003	ng		98
47) 2-Chloronaphthalene	9.322	162	678319	44.320	ng		99
48) 2-Nitroaniline	9.416	65	246641	50.010	ng		97
49) Acenaphthylene	9.733	152	1144238	43.810	ng		99
50) Dimethylphthalate	9.598	163	814800	44.601	ng		100
51) 2,6-Dinitrotoluene	9.657	165	179179	51.310	ng		98
52) Acenaphthene	9.910	154	758271	47.927	ng		100
53) 3-Nitroaniline	9.828	138	171721	40.002	ng	#	91
54) 2,4-Dinitrophenol	9.928	184	148700	83.039	ng		93
55) Dibenzofuran	10.081	168	1033206	43.894	ng		99
56) 4-Nitrophenol	9.986	139	323961	103.648	ng		99
57) 2,4-Dinitrotoluene	10.063	165	235453	53.961	ng		86
58) Fluorene	10.422	166	743079	43.088	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	212159	49.233	ng		99
60) Diethylphthalate	10.298	149	834748	44.016	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	348698	42.110	ng		99
62) 4-Nitroaniline	10.445	138	204452	46.681	ng		99
63) Azobenzene	10.575	77	858095	45.201	ng		97
65) 4,6-Dinitro-2-methylph...	10.463	198	99278	49.735	ng		94
66) n-Nitrosodiphenylamine	10.533	169	701145	44.586	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	229726	44.657	ng		99
68) Hexachlorobenzene	10.969	284	255746	47.541	ng		96
69) Atrazine	11.063	200	235133	54.495	ng		98
70) Pentachlorophenol	11.163	266	273761	85.110	ng		99
71) Phenanthrene	11.386	178	1095998	44.673	ng		99
72) Anthracene	11.439	178	1105168	43.769	ng		99
73) Carbazole	11.592	167	1052024	44.056	ng		100
74) Di-n-butylphthalate	11.927	149	1269795	44.970	ng		99
75) Fluoranthene	12.575	202	1092591	40.318	ng		99
77) Benzidine	12.698	184	603257	77.919	ng		99
78) Pyrene	12.804	202	1095716	48.643	ng		99
80) Butylbenzylphthalate	13.427	149	471385	52.891	ng		96
81) Benzo(a)anthracene	13.992	228	801390	45.446	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	257737	46.755	ng		97
83) Chrysene	14.027	228	798078	44.831	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	554739	49.796	ng		99
85) Di-n-octyl phthalate	14.604	149	966717	52.092	ng		98
87) Indeno(1,2,3-cd)pyrene	16.910	276	830132	45.539	ng		100
88) Benzo(b)fluoranthene	15.033	252	878704	47.154	ng		99
89) Benzo(k)fluoranthene	15.063	252	731920	40.281	ng		98
90) Benzo(a)pyrene	15.398	252	718414	42.368	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	684475	46.312	ng		100
92) Benzo(g,h,i)perylene	17.345	276	651917	43.745	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
Data File : BF133533.D
Acq On : 30 May 2023 20:59
Operator : CG\JU
Sample : 02955-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 31 05:22:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 30 12:58:40 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC25MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023