Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056611.D
Acq On : 10 Feb 2023 18:41
Operator : CG/JU
Sample : 01513-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

Quant Time: Feb 10 22:49:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 22:46:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.208	152	28667	20.000	ng		0.00
21) Naphthalene-d8	11.046	136	111403	20.000	ng		0.00
39) Acenaphthene-d10	14.841	164	92007	20.000	ng		0.00
64) Phenanthrene-d10	17.579	188	235401	20.000	ng		0.00
76) Chrysene-d12	21.856	240	217119	20.000	ng		0.00
86) Perylene-d12	25.223	264	241535	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.734	112	214054	137.360	ng		0.00
7) Phenol-d6	7.368	99	299943	129.904	ng		0.00
23) Nitrobenzene-d5	9.389	82	156750	79.900	ng		0.00
42) 2,4,6-Tribromophenol	16.328	330	154293	126.141	ng		0.00
45) 2-Fluorobiphenyl	13.466	172	514221	77.486	ng		0.00
79) Terphenyl-d14	20.158	244	986851	79.830	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.501	88	25674	39.566	ng		97
3) Pyridine	3.930	79	68528	35.428	ng		96
4) n-Nitrosodimethylamine	3.842	42	17146	41.683	ng		94
6) Aniline	7.526	93	118803	39.299	ng		97
8) 2-Chlorophenol	7.773	128	84960	49.628	ng		99
9) Benzaldehyde	7.338	77	43503m	41.850	ng		
10) Phenol	7.397	94	115860	49.370	ng		99
11) bis(2-Chloroethyl)ether	7.614	93	71828	44.529	ng		97
12) 1,3-Dichlorobenzene	8.096	146	95767	48.587	ng		98
13) 1,4-Dichlorobenzene	8.249	146	96547	48.367	ng		99
14) 1,2-Dichlorobenzene	8.572	146	95967	49.552	ng		99
15) Benzyl Alcohol	8.449	79	67097	42.354	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.737	45	14281	41.784	ng		96
17) 2-Methylphenol	8.660	107	80355	45.008	ng		94
18) Hexachloroethane	9.306	117	29970	49.641	ng		96
19) n-Nitroso-di-n-propyla...	9.019	70	53799	40.432	ng		98
20) 3+4-Methylphenols	8.989	107	111371	44.513	ng		98
22) Acetophenone	9.042	105	131293	44.356	ng	#	99
24) Nitrobenzene	9.430	77	83665	44.212	ng		97
25) Isophorone	9.953	82	164237	40.579	ng		100
26) 2-Nitrophenol	10.147	139	53138	46.282	ng		96
27) 2,4-Dimethylphenol	10.200	122	93416m	48.616	ng		
28) bis(2-Chloroethoxy)met...	10.429	93	96846	43.315	ng		97
29) 2,4-Dichlorophenol	10.699	162	109673	50.707	ng		99
30) 1,2,4-Trichlorobenzene	10.905	180	118067	49.123	ng		98
31) Naphthalene	11.093	128	278789	47.414	ng		99
32) Benzoic acid	10.358	122	29396m	27.344	ng		
33) 4-Chloroaniline	11.204	127	89244	32.515	ng		98
34) Hexachlorobutadiene	11.363	225	80669	47.815	ng		98
35) Caprolactam	11.980	113	32088m	43.989	ng		
36) 4-Chloro-3-methylphenol	12.321	107	101256	48.477	ng		96
37) 2-Methylnaphthalene	12.685	142	219325	45.245	ng		99
38) 1-Methylnaphthalene	12.902	142	199605	44.090	ng		98
40) 1,2,4,5-Tetrachloroben...	13.049	216	163519	48.647	ng		100
41) Hexachlorocyclopentadiene	13.020	237	85510	50.539	ng		99
43) 2,4,6-Trichlorophenol	13.290	196	104007	48.015	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056611.D
Acq On : 10 Feb 2023 18:41
Operator : CG/JU
Sample : 01513-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

Quant Time: Feb 10 22:49:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 22:46:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.372	196	114438	45.123	ng		98
46) 1,1'-Biphenyl	13.678	154	308917	46.290	ng		98
47) 2-Chloronaphthalene	13.725	162	253186	48.538	ng		99
48) 2-Nitroaniline	13.930	65	48777	45.234	ng		97
49) Acenaphthylene	14.565	152	390982	46.070	ng		99
50) Dimethylphthalate	14.283	163	319786	42.961	ng		100
51) 2,6-Dinitrotoluene	14.412	165	72430	44.619	ng		98
52) Acenaphthene	14.906	154	236148	46.923	ng		99
53) 3-Nitroaniline	14.747	138	61280	38.939	ng		95
54) 2,4-Dinitrophenol	14.964	184	67428	66.257	ng		97
55) Dibenzofuran	15.235	168	417547	46.263	ng		99
56) 4-Nitrophenol	15.070	139	94921	88.272	ng		97
57) 2,4-Dinitrotoluene	15.205	165	106192	46.443	ng		97
58) Fluorene	15.881	166	337836	47.041	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.464	232	101411	44.973	ng		98
60) Diethylphthalate	15.634	149	304074	43.503	ng		100
61) 4-Chlorophenyl-phenyle...	15.863	204	201283	45.931	ng		98
62) 4-Nitroaniline	15.910	138	68875	43.738	ng		99
63) Azobenzene	16.157	77	258215	53.689	ng		99
65) 4,6-Dinitro-2-methylph...	15.969	198	60635	36.638	ng		97
66) n-Nitrosodiphenylamine	16.081	169	306646	46.009	ng		98
67) 4-Bromophenyl-phenylether	16.757	248	137002	45.462	ng		99
68) Hexachlorobenzene	16.886	284	145909	49.435	ng		99
69) Atrazine	17.015	200	126962	49.378	ng		100
70) Pentachlorophenol	17.238	266	107688	60.298	ng		98
71) Phenanthrene	17.620	178	588411	47.759	ng		99
72) Anthracene	17.714	178	586579	46.380	ng		99
73) Carbazole	17.985	167	507710	47.134	ng		99
74) Di-n-butylphthalate	18.507	149	521605	46.118	ng		99
75) Fluoranthene	19.618	202	734466	47.233	ng		100
77) Benzidine	19.788	184	323906	55.128	ng		99
78) Pyrene	19.976	202	743200	48.129	ng		99
80) Butylbenzylphthalate	20.828	149	216408	45.888	ng		99
81) Benzo(a)anthracene	21.839	228	718459	47.332	ng		99
82) 3,3'-Dichlorobenzidine	21.739	252	228151	41.739	ng		98
83) Chrysene	21.903	228	672064	47.128	ng		100
84) Bis(2-ethylhexyl)phtha...	21.692	149	341969	50.576	ng		98
85) Di-n-octyl phthalate	22.943	149	519327	46.121	ng		100
87) Indeno(1,2,3-cd)pyrene	29.113	276	854487	48.329	ng	#	90
88) Benzo(b)fluoranthene	24.148	252	748899	49.954	ng		99
89) Benzo(k)fluoranthene	24.218	252	729567	48.200	ng		99
90) Benzo(a)pyrene	25.070	252	662314	44.848	ng		97
91) Dibenzo(a,h)anthracene	29.166	278	707155	47.649	ng		97
92) Benzo(g,h,i)perylene	30.341	276	694573	48.503	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056611.D
Acq On : 10 Feb 2023 18:41
Operator : CG/JU
Sample : 01513-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 10 22:49:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 22:46:08 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023