Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055611.D
Acq On : 14 Nov 2022 19:26
Operator : CG/JU
Sample : N5561-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-25MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

Quant Time: Nov 15 01:04:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.264	152	52977	20.000	ng		0.00
21) Naphthalene-d8	11.096	136	229096	20.000	ng		0.00
39) Acenaphthene-d10	14.892	164	156341	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	339666	20.000	ng		0.00
76) Chrysene-d12	21.937	240	309727	20.000	ng		0.00
86) Perylene-d12	25.362	264	327253	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	411694	148.020	ng		0.00
7) Phenol-d6	7.406	99	529029	137.698	ng		0.00
23) Nitrobenzene-d5	9.439	82	333409	98.659	ng		0.00
42) 2,4,6-Tribromophenol	16.372	330	260406	170.710	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	793040	76.513	ng		0.00
79) Terphenyl-d14	20.215	244	1194877	77.487	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.629	88	53584	37.929	ng		93
3) Pyridine	4.040	79	149044	37.944	ng		99
4) n-Nitrosodimethylamine	3.952	42	93989	43.961	ng		99
6) Aniline	7.577	93	126393	24.768	ng		98
8) 2-Chlorophenol	7.824	128	178194	57.227	ng		98
9) Benzaldehyde	7.389	77	110957	36.605	ng		97
10) Phenol	7.436	94	228980	51.772	ng		98
11) bis(2-Chloroethyl)ether	7.671	93	165882	46.584	ng		97
12) 1,3-Dichlorobenzene	8.153	146	197027	50.654	ng		99
13) 1,4-Dichlorobenzene	8.300	146	195936	49.774	ng		97
14) 1,2-Dichlorobenzene	8.623	146	193678	51.809	ng		98
15) Benzyl Alcohol	8.499	79	164852m	49.204	ng		
16) 2,2'-oxybis(1-Chloropr...	8.793	45	312243	45.634	ng		98
17) 2-Methylphenol	8.699	107	159100	51.118	ng		96
18) Hexachloroethane	9.363	117	71549	54.749	ng		97
19) n-Nitroso-di-n-propyla...	9.069	70	137375	43.266	ng		95
20) 3+4-Methylphenols	9.028	107	216088	49.836	ng		96
22) Acetophenone	9.093	105	267322	43.864	ng		99
24) Nitrobenzene	9.481	77	205882	52.955	ng		99
25) Isophorone	10.003	82	384495	44.534	ng		100
26) 2-Nitrophenol	10.197	139	100771	76.648	ng	#	89
27) 2,4-Dimethylphenol	10.244	122	180439m	58.454	ng		
28) bis(2-Chloroethoxy)met...	10.479	93	221751	47.637	ng		99
29) 2,4-Dichlorophenol	10.732	162	185695	54.740	ng		98
30) 1,2,4-Trichlorobenzene	10.955	180	203915	47.987	ng		98
31) Naphthalene	11.149	128	556192	44.904	ng		99
32) Benzoic acid	10.385	122	129232	61.390	ng		92
33) 4-Chloroaniline	11.243	127	113588	21.939	ng		97
34) Hexachlorobutadiene	11.425	225	139753	49.312	ng		99
35) Caprolactam	12.030	113	56059m	48.475	ng		
36) 4-Chloro-3-methylphenol	12.348	107	197164	49.307	ng		100
37) 2-Methylnaphthalene	12.736	142	415427	44.640	ng		98
38) 1-Methylnaphthalene	12.953	142	388388	42.666	ng		99
40) 1,2,4,5-Tetrachloroben...	13.094	216	245178	52.500	ng		99
41) Hexachlorocyclopentadiene	13.070	237	132919	66.483	ng		98
43) 2,4,6-Trichlorophenol	13.329	196	162950	59.342	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055611.D
Acq On : 14 Nov 2022 19:26
Operator : CG/JU
Sample : N5561-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-25MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

Quant Time: Nov 15 01:04:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.399	196	174833	55.616	ng		98
46) 1,1'-Biphenyl	13.723	154	546625	47.791	ng		98
47) 2-Chloronaphthalene	13.775	162	416260	47.119	ng		99
48) 2-Nitroaniline	13.964	65	134744	58.328	ng		98
49) Acenaphthylene	14.616	152	662757	45.340	ng		99
50) Dimethylphthalate	14.334	163	529519	44.573	ng		100
51) 2,6-Dinitrotoluene	14.451	165	113497	53.932	ng		99
52) Acenaphthene	14.951	154	438904	48.096	ng		99
53) 3-Nitroaniline	14.780	138	89131	36.436	ng	#	96
54) 2,4-Dinitrophenol	14.986	184	73579	99.613	ng	#	75
55) Dibenzofuran	15.285	168	646911	44.341	ng		100
56) 4-Nitrophenol	15.080	139	193138	109.793	ng		98
57) 2,4-Dinitrotoluene	15.238	165	156097	55.940	ng		95
58) Fluorene	15.932	166	502972	43.334	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.503	232	155627	53.412	ng		99
60) Diethylphthalate	15.685	149	520855	43.098	ng		99
61) 4-Chlorophenyl-phenyle...	15.914	204	281608	45.614	ng		99
62) 4-Nitroaniline	15.944	138	106845	45.364	ng		99
63) Azobenzene	16.208	77	475215	40.567	ng		97
65) 4,6-Dinitro-2-methylph...	15.996	198	54465	49.304	ng		100
66) n-Nitrosodiphenylamine	16.126	169	451529	47.452	ng		99
67) 4-Bromophenyl-phenylether	16.807	248	182809	52.757	ng		98
68) Hexachlorobenzene	16.936	284	199290	48.376	ng		95
69) Atrazine	17.066	200	182857	53.100	ng		98
70) Pentachlorophenol	17.271	266	249603	110.594	ng		98
71) Phenanthrene	17.671	178	803182	43.998	ng		99
72) Anthracene	17.765	178	824420	46.083	ng		100
73) Carbazole	18.029	167	724427	44.806	ng		99
74) Di-n-butylphthalate	18.570	149	854394	46.090	ng		99
75) Fluoranthene	19.669	202	912028	41.896	ng		99
77) Benzidine	19.839	184	280920	33.525	ng		99
78) Pyrene	20.033	202	943558	45.013	ng		99
80) Butylbenzylphthalate	20.902	149	371554	46.641	ng		95
81) Benzo(a)anthracene	21.913	228	945757	44.579	ng		98
82) 3,3'-Dichlorobenzidine	21.813	252	269916	38.984	ng		98
83) Chrysene	21.984	228	886743	43.956	ng		100
84) Bis(2-ethylhexyl)phtha...	21.790	149	538023	50.857	ng		99
85) Di-n-octyl phthalate	23.076	149	916008	50.104	ng		99
87) Indeno(1,2,3-cd)pyrene	29.310	276	916821	36.783	ng	#	93
88) Benzo(b)fluoranthene	24.269	252	968120	46.690	ng		99
89) Benzo(k)fluoranthene	24.340	252	986739	46.548	ng		98
90) Benzo(a)pyrene	25.197	252	881393	49.347	ng		99
91) Dibenzo(a,h)anthracene	29.381	278	804187	38.977	ng		98
92) Benzo(g,h,i)perylene	30.544	276	672009	33.319	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055611.D
Acq On : 14 Nov 2022 19:26
Operator : CG/JU
Sample : N5561-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 15 01:04:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-25MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022