Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
Data File : BG054428.D
Acq On : 28 Jul 2022 12:09
Operator : CG/JU
Sample : PB146489BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 04:08:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.982	152	16369	20.000	ng		# 0.00
21) Naphthalene-d8	10.796	136	61501	20.000	ng		# 0.00
39) Acenaphthene-d10	14.621	164	51251	20.000	ng		0.00
64) Phenanthrene-d10	17.371	188	139936	20.000	ng		# 0.00
76) Chrysene-d12	21.636	240	150301	20.000	ng		# 0.00
86) Perylene-d12	24.839	264	157351	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.561	112	109581	139.772	ng		0.00
7) Phenol-d6	7.171	99	143717	133.781	ng		0.00
23) Nitrobenzene-d5	9.151	82	92386	81.805	ng		0.00
42) 2,4,6-Tribromophenol	16.119	330	133637	124.189	ng		0.00
45) 2-Fluorobiphenyl	13.246	172	283828	78.124	ng		0.00
79) Terphenyl-d14	19.980	244	686007	90.545	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	9293	29.794	ng		94
3) Pyridine	3.810	79	26073	32.952	ng		92
4) n-Nitrosodimethylamine	3.728	42	19231	43.467	ng		82
6) Aniline	7.306	93	53244	42.938	ng		99
8) 2-Chlorophenol	7.559	128	43064	47.797	ng		89
9) Benzaldehyde	7.118	77	21028m	37.833	ng		
10) Phenol	7.200	94	51376	48.134	ng		96
11) bis(2-Chloroethyl)ether	7.400	93	35296	45.355	ng		91
12) 1,3-Dichlorobenzene	7.876	146	47083	42.890	ng		91
13) 1,4-Dichlorobenzene	8.023	146	47550	41.944	ng		97
14) 1,2-Dichlorobenzene	8.340	146	46197	43.214	ng		98
15) Benzyl Alcohol	8.229	79	41712	47.209	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.511	45	45632	46.558	ng		90
17) 2-Methylphenol	8.446	107	36145	46.984	ng		95
18) Hexachloroethane	9.069	117	16222	43.216	ng	#	71
19) n-Nitroso-di-n-propyla...	8.793	70	31085	43.332	ng	#	91
20) 3+4-Methylphenols	8.775	107	49430	45.602	ng		97
22) Acetophenone	8.810	105	64369	43.517	ng	#	96
24) Nitrobenzene	9.192	77	46764	42.370	ng	#	85
25) Isophorone	9.715	82	89190	45.410	ng	#	95
26) 2-Nitrophenol	9.909	139	25293	45.464	ng	#	87
27) 2,4-Dimethylphenol	9.974	122	40299	52.436	ng		92
28) bis(2-Chloroethoxy)met...	10.197	93	48906	49.369	ng	#	98
29) 2,4-Dichlorophenol	10.461	162	52469	45.230	ng		90
30) 1,2,4-Trichlorobenzene	10.661	180	59355	41.314	ng		94
31) Naphthalene	10.849	128	129154	41.835	ng		100
32) Benzoic acid	10.138	122	11941m	40.560	ng		
33) 4-Chloroaniline	10.955	127	53587	42.683	ng	#	92
34) Hexachlorobutadiene	11.131	225	50516	39.786	ng		99
35) Caprolactam	11.736	113	14296m	48.944	ng		
36) 4-Chloro-3-methylphenol	12.101	107	50505	47.857	ng	#	85
37) 2-Methylnaphthalene	12.453	142	100374	42.338	ng		98
38) 1-Methylnaphthalene	12.671	142	95117	41.174	ng		98
40) 1,2,4,5-Tetrachloroben...	12.823	216	90539	40.322	ng	#	95
41) Hexachlorocyclopentadiene	12.800	237	42166	60.179	ng		96
43) 2,4,6-Trichlorophenol	13.070	196	51942	42.485	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
Data File : BG054428.D
Acq On : 28 Jul 2022 12:09
Operator : CG/JU
Sample : PB146489BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 04:08:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.158	196	56686	41.035	ng	#	91
46) 1,1'-Biphenyl	13.458	154	146126	41.676	ng		97
47) 2-Chloronaphthalene	13.505	162	121673	41.466	ng		97
48) 2-Nitroaniline	13.705	65	34101	44.530	ng	#	88
49) Acenaphthylene	14.351	152	182905	41.950	ng		99
50) Dimethylphthalate	14.075	163	168812	42.169	ng		98
51) 2,6-Dinitrotoluene	14.198	165	38608	43.970	ng	#	76
52) Acenaphthene	14.686	154	108809	41.212	ng		99
53) 3-Nitroaniline	14.533	138	29160	39.708	ng		92
54) 2,4-Dinitrophenol	14.756	184	38941	76.704	ng	#	81
55) Dibenzofuran	15.027	168	195506	41.617	ng		94
56) 4-Nitrophenol	14.880	139	40712	83.095	ng		92
57) 2,4-Dinitrotoluene	14.997	165	57321	45.537	ng	#	85
58) Fluorene	15.673	166	163636	42.366	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.262	232	54048	40.187	ng	#	87
60) Diethylphthalate	15.438	149	165237	43.027	ng		96
61) 4-Chlorophenyl-phenyle...	15.655	204	107802	42.519	ng		90
62) 4-Nitroaniline	15.696	138	33762	43.760	ng		90
63) Azobenzene	15.955	77	120007	43.249	ng		83
65) 4,6-Dinitro-2-methylph...	15.767	198	33755	39.044	ng		79
66) n-Nitrosodiphenylamine	15.873	169	151235	43.287	ng		96
67) 4-Bromophenyl-phenylether	16.554	248	82241	41.846	ng	#	90
68) Hexachlorobenzene	16.683	284	95470	42.478	ng	#	91
69) Atrazine	16.824	200	77020	49.540	ng		93
70) Pentachlorophenol	17.036	266	65262	67.564	ng		98
71) Phenanthrene	17.412	178	292335	41.950	ng		98
72) Anthracene	17.506	178	298149	43.598	ng		98
73) Carbazole	17.776	167	255283	45.343	ng		98
74) Di-n-butylphthalate	18.323	149	292441	44.016	ng		98
75) Fluoranthene	19.427	202	391296	41.191	ng		96
77) Benzidine	19.598	184	193691	71.156	ng		98
78) Pyrene	19.786	202	392614	45.525	ng		98
80) Butylbenzylphthalate	20.661	149	121188	45.092	ng	#	85
81) Benzo(a)anthracene	21.619	228	406637	42.620	ng		99
82) 3,3'-Dichlorobenzidine	21.525	252	118330	39.878	ng	#	98
83) Chrysene	21.683	228	381530	42.326	ng		98
84) Bis(2-ethylhexyl)phtha...	21.513	149	169366	44.536	ng	#	91
85) Di-n-octyl phthalate	22.706	149	283379	43.679	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.517	276	498730	41.664	ng	#	96
88) Benzo(b)fluoranthene	23.822	252	429672	46.174	ng	#	99
89) Benzo(k)fluoranthene	23.887	252	406185	43.859	ng	#	97
90) Benzo(a)pyrene	24.692	252	377273	47.474	ng	#	97
91) Dibenzo(a,h)anthracene	28.570	278	438902	44.590	ng	#	93
92) Benzo(g,h,i)perylene	29.662	276	429855	44.247	ng	#	90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
Data File : BG054428.D
Acq On : 28 Jul 2022 12:09
Operator : CG/JU
Sample : PB146489BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 04:08:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB146489BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022