Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055491.D
Acq On : 8 Nov 2022 00:19
Operator : CG/JU
Sample : N5460-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 03:55:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 03:46:08 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SH-1MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

11/08/2022
Supervised By :Jagrut Upadhyay

11/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.081	152	26421	20.000	ng		0.00
21) Naphthalene-d8	10.907	136	122473	20.000	ng	#	0.00
39) Acenaphthene-d10	14.721	164	91846	20.000	ng		0.00
64) Phenanthrene-d10	17.459	188	211532	20.000	ng		0.00
76) Chrysene-d12	21.718	240	207853	20.000	ng		0.00
86) Perylene-d12	24.979	264	230199	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.608	112	185478	126.070	ng		0.00
7) Phenol-d6	7.241	99	248735	121.916	ng		0.00
23) Nitrobenzene-d5	9.262	82	138356	60.206	ng		0.00
42) 2,4,6-Tribromophenol	16.207	330	156440	124.872	ng		0.00
45) 2-Fluorobiphenyl	13.346	172	409522	66.109	ng		0.00
79) Terphenyl-d14	20.050	244	701756	65.652	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	22087	33.099	ng		93
3) Pyridine	3.804	79	57033	28.799	ng		90
4) n-Nitrosodimethylamine	3.716	42	23810	30.434	ng		96
6) Aniline	7.400	93	98586	37.256	ng		94
8) 2-Chlorophenol	7.647	128	85143	47.631	ng		91
9) Benzaldehyde	7.212	77	44421m	37.034	ng		
10) Phenol	7.270	94	99740	43.192	ng		94
11) bis(2-Chloroethyl)ether	7.494	93	65772	38.070	ng		89
12) 1,3-Dichlorobenzene	7.970	146	85217	42.059	ng		96
13) 1,4-Dichlorobenzene	8.117	146	85971	41.660	ng		99
14) 1,2-Dichlorobenzene	8.440	146	85047	43.057	ng		98
15) Benzyl Alcohol	8.328	79	65238	40.092	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.610	45	66432	28.901	ng		92
17) 2-Methylphenol	8.534	107	74483	44.828	ng		96
18) Hexachloroethane	9.174	117	28897	41.048	ng		89
19) n-Nitroso-di-n-propyla...	8.892	70	54953	34.470	ng	#	92
20) 3+4-Methylphenols	8.863	107	100863	42.724	ng		94
22) Acetophenone	8.916	105	120904	37.663	ng	#	92
24) Nitrobenzene	9.303	77	78868	32.918	ng	#	88
25) Isophorone	9.826	82	160474	35.260	ng		95
26) 2-Nitrophenol	10.020	139	50900	41.259	ng		91
27) 2,4-Dimethylphenol	10.073	122	86105	49.777	ng		95
28) bis(2-Chloroethoxy)met...	10.302	93	99365	40.991	ng		99
29) 2,4-Dichlorophenol	10.561	162	93396	44.261	ng		97
30) 1,2,4-Trichlorobenzene	10.772	180	91004	39.827	ng		98
31) Naphthalene	10.960	128	256472	37.194	ng		100
32) Benzoic acid	10.255	122	33081	34.665	ng		95
33) 4-Chloroaniline	11.072	127	83309	29.076	ng		94
34) Hexachlorobutadiene	11.236	225	53979	38.005	ng		98
35) Caprolactam	11.853	113	29352m	37.570	ng		
36) 4-Chloro-3-methylphenol	12.194	107	93250	40.360	ng		95
37) 2-Methylnaphthalene	12.558	142	197199	38.933	ng		97
38) 1-Methylnaphthalene	12.776	142	186295	37.710	ng		99
40) 1,2,4,5-Tetrachloroben...	12.923	216	110123	40.589	ng		100
41) Hexachlorocyclopentadiene	12.899	237	93979	73.182	ng		95
43) 2,4,6-Trichlorophenol	13.164	196	76816	40.657	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055491.D
Acq On : 8 Nov 2022 00:19
Operator : CG/JU
Sample : N5460-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 03:55:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 03:46:08 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SH-1MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
11/08/2022
Supervised By :Jagrut Upadhyay
11/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	84351	40.081	ng		98
46) 1,1'-Biphenyl	13.557	154	272950	40.387	ng		98
47) 2-Chloronaphthalene	13.604	162	214318	39.465	ng		99
48) 2-Nitroaniline	13.810	65	52430	31.433	ng	#	79
49) Acenaphthylene	14.444	152	343371	38.508	ng		100
50) Dimethylphthalate	14.168	163	289127	37.713	ng		100
51) 2,6-Dinitrotoluene	14.298	165	64681	40.300	ng		89
52) Acenaphthene	14.785	154	202317	38.123	ng		99
53) 3-Nitroaniline	14.632	138	50259	27.861	ng		85
54) 2,4-Dinitrophenol	14.844	184	69072	71.769	ng	#	89
55) Dibenzofuran	15.120	168	337674	38.441	ng		99
56) 4-Nitrophenol	14.950	139	96721	78.198	ng	#	84
57) 2,4-Dinitrotoluene	15.085	165	91822	40.011	ng	#	87
58) Fluorene	15.766	166	273571	38.337	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.349	232	75843	40.080	ng		96
60) Diethylphthalate	15.520	149	294555	36.971	ng		100
61) 4-Chlorophenyl-phenyle...	15.749	204	145379	39.405	ng		98
62) 4-Nitroaniline	15.790	138	67778	35.514	ng		96
63) Azobenzene	16.043	77	214357	32.366	ng		94
65) 4,6-Dinitro-2-methylph...	15.855	198	53539	39.293	ng		90
66) n-Nitrosodiphenylamine	15.966	169	247971	39.429	ng		99
67) 4-Bromophenyl-phenylether	16.642	248	103076	41.222	ng		96
68) Hexachlorobenzene	16.765	284	123378	43.267	ng		93
69) Atrazine	16.906	200	97370	46.117	ng		100
70) Pentachlorophenol	17.118	266	107913	73.383	ng		99
71) Phenanthrene	17.506	178	455053	38.245	ng		99
72) Anthracene	17.594	178	461757	39.593	ng		99
73) Carbazole	17.864	167	417661	38.492	ng		99
74) Di-n-butylphthalate	18.399	149	511667	37.756	ng		99
75) Fluoranthene	19.503	202	530234	37.048	ng		99
77) Benzidine	19.674	184	368992	85.270	ng		100
78) Pyrene	19.862	202	536904	36.616	ng		100
80) Butylbenzylphthalate	20.725	149	229643	37.564	ng		93
81) Benzo(a)anthracene	21.695	228	535154	37.507	ng		100
82) 3,3'-Dichlorobenzidine	21.607	252	128279	26.217	ng		96
83) Chrysene	21.765	228	510234	37.483	ng		99
84) Bis(2-ethylhexyl)phtha...	21.571	149	329123	37.037	ng		100
85) Di-n-octyl phthalate	22.788	149	549584	36.095	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.722	276	717249	38.807	ng		98
88) Benzo(b)fluoranthene	23.939	252	592576	40.526	ng		99
89) Benzo(k)fluoranthene	24.010	252	571716	38.907	ng		99
90) Benzo(a)pyrene	24.826	252	521672	41.260	ng		99
91) Dibenzo(a,h)anthracene	28.781	278	612048	40.138	ng		98
92) Benzo(g,h,i)perylene	29.903	276	602533	39.730	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055491.D
Acq On : 8 Nov 2022 00:19
Operator : CG/JU
Sample : N5460-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 03:55:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 03:46:08 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SH-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo