Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059868.D
Acq On : 24 Nov 2023 21:44
Operator : MA/JU
Sample : 05449-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 01:02:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.318	152	30697	20.000	ng		0.00
21) Naphthalene-d8	11.167	136	152961	20.000	ng	#	0.00
39) Acenaphthene-d10	14.951	164	114639	20.000	ng		0.00
64) Phenanthrene-d10	17.701	188	246030	20.000	ng	#	0.00
76) Chrysene-d12	22.025	240	177995	20.000	ng	#	0.00
86) Perylene-d12	25.591	264	209045	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.809	112	101148	55.460	ng		0.00
7) Phenol-d6	7.448	99	184002	68.081	ng		0.00
23) Nitrobenzene-d5	9.516	82	209553	52.322	ng		0.00
42) 2,4,6-Tribromophenol	16.438	330	70866	54.482	ng		0.00
45) 2-Fluorobiphenyl	13.570	172	494001	58.004	ng		0.00
79) Terphenyl-d14	20.274	244	733624	60.845	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.635	88	24779	28.927	ng	#	76
3) Pyridine	4.058	79	74036	31.644	ng	#	90
4) n-Nitrosodimethylamine	3.987	42	65527	52.646	ng	#	67
6) Aniline	7.642	93	95665	26.821	ng		98
8) 2-Chlorophenol	7.871	128	82233	41.562	ng		93
9) Benzaldehyde	7.460	77	14126	7.732	ng	#	78
10) Phenol	7.472	94	120355	43.208	ng	#	72
11) bis(2-Chloroethyl)ether	7.730	93	56468	32.565	ng		100
12) 1,3-Dichlorobenzene	8.200	146	111884	50.909	ng		95
13) 1,4-Dichlorobenzene	8.359	146	114829	52.030	ng		95
14) 1,2-Dichlorobenzene	8.676	146	116538	53.150	ng		94
15) Benzyl Alcohol	8.564	79	171936	55.788	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.835	45	29182	45.742	ng	#	76
17) 2-Methylphenol	8.746	107	114020	55.574	ng		90
18) Hexachloroethane	9.405	117	48065	51.312	ng		90
19) n-Nitroso-di-n-propyla...	9.128	70	100855	47.387	ng		92
20) 3+4-Methylphenols	9.081	107	151558	53.211	ng		98
22) Acetophenone	9.164	105	207279	47.865	ng		97
24) Nitrobenzene	9.563	77	174122	47.205	ng	#	93
25) Isophorone	10.068	82	307774	45.774	ng		98
26) 2-Nitrophenol	10.274	139	71588	52.937	ng	#	88
27) 2,4-Dimethylphenol	10.298	122	119759	43.555	ng		90
28) bis(2-Chloroethoxy)met...	10.556	93	122262	48.388	ng	#	97
29) 2,4-Dichlorophenol	10.797	162	130139	55.437	ng		86
30) 1,2,4-Trichlorobenzene	11.014	180	123539	52.071	ng	#	91
31) Naphthalene	11.220	128	381070	49.544	ng	#	94
32) Benzoic acid	10.427	122	93995	50.232	ng	#	79
33) 4-Chloroaniline	11.338	127	123402	37.720	ng	#	89
34) Hexachlorobutadiene	11.449	225	84577	52.380	ng	#	89
35) Caprolactam	12.137	113	41197m	48.018	ng		
36) 4-Chloro-3-methylphenol	12.413	107	175154	56.102	ng	#	94
37) 2-Methylnaphthalene	12.801	142	310205	47.886	ng	#	84
38) 1-Methylnaphthalene	13.018	142	299614	50.153	ng		98
40) 1,2,4,5-Tetrachloroben...	13.141	216	163873	52.930	ng		97
41) Hexachlorocyclopentadiene	13.094	237	200779	103.385	ng		83
43) 2,4,6-Trichlorophenol	13.382	196	118675	55.122	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059868.D
Acq On : 24 Nov 2023 21:44
Operator : MA/JU
Sample : 05449-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 01:02:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.459	196	125481	49.603	ng	#	80
46) 1,1'-Biphenyl	13.788	154	460277	51.152	ng		97
47) 2-Chloronaphthalene	13.841	162	328040	53.056	ng		94
48) 2-Nitroaniline	14.058	65	121538	55.057	ng		92
49) Acenaphthylene	14.687	152	555052	52.650	ng		97
50) Dimethylphthalate	14.393	163	451054	50.772	ng		100
51) 2,6-Dinitrotoluene	14.540	165	86562	51.362	ng	#	80
52) Acenaphthene	15.016	154	323322	50.995	ng		98
53) 3-Nitroaniline	14.881	138	87661	44.437	ng		97
54) 2,4-Dinitrophenol	15.074	184	119433	95.366	ng	#	60
55) Dibenzofuran	15.351	168	530389	50.738	ng		90
56) 4-Nitrophenol	15.157	139	146879	97.319	ng	#	82
57) 2,4-Dinitrotoluene	15.315	165	135347	52.221	ng		96
58) Fluorene	15.997	166	450370	51.858	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.556	232	121897	54.817	ng		96
60) Diethylphthalate	15.732	149	507785	53.294	ng		96
61) 4-Chlorophenyl-phenyle...	15.973	204	237272	53.079	ng		96
62) 4-Nitroaniline	16.044	138	89845	45.443	ng	#	81
63) Azobenzene	16.273	77	520240	49.134	ng		97
65) 4,6-Dinitro-2-methylph...	16.067	198	74047	49.248	ng		83
66) n-Nitrosodiphenylamine	16.197	169	404573	56.292	ng		93
67) 4-Bromophenyl-phenylether	16.872	248	147082	55.648	ng		88
68) Hexachlorobenzene	16.966	284	148159	60.059	ng		96
69) Atrazine	17.131	200	167043	72.493	ng		96
70) Pentachlorophenol	17.325	266	191339	101.666	ng		98
71) Phenanthrene	17.748	178	670346	53.590	ng		95
72) Anthracene	17.836	178	686556	52.825	ng		96
73) Carbazole	18.112	167	565729	49.825	ng		96
74) Di-n-butylphthalate	18.611	149	704739	51.349	ng		100
75) Fluoranthene	19.740	202	669073	44.602	ng		98
77) Benzidine	19.928	184	324471	80.391	ng		97
78) Pyrene	20.104	202	660546	54.542	ng		99
80) Butylbenzylphthalate	20.956	149	258854	52.126	ng		97
81) Benzo(a)anthracene	22.002	228	613595	50.382	ng		99
82) 3,3'-Dichlorobenzidine	21.913	252	208180	45.882	ng		93
83) Chrysene	22.078	228	571120	51.156	ng		94
84) Bis(2-ethylhexyl)phtha...	21.825	149	360639	51.950	ng	#	98
85) Di-n-octyl phthalate	23.153	149	600531	44.936	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.740	276	775758	49.044	ng	#	81
88) Benzo(b)fluoranthene	24.440	252	647749	56.534	ng		96
89) Benzo(k)fluoranthene	24.516	252	595713	52.591	ng	#	99
90) Benzo(a)pyrene	25.421	252	552433	45.178	ng		95
91) Dibenzo(a,h)anthracene	29.822	278	673929	50.359	ng	#	98
92) Benzo(g,h,i)perylene	31.056	276	603350	47.516	ng	#	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059868.D
Acq On : 24 Nov 2023 21:44
Operator : MA/JU
Sample : 05449-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 01:02:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023