Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032421\
Data File : BG048491.D
Acq On : 24 Mar 2021 16:17
Operator : CG/JU
Sample : M1770-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106SMSD

Manual Integrations APPROVED
mohammad
3/25/2021 11:49:55 AM

Quant Time: Mar 24 16:56:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 12:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	49956	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	208351	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	146943	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	318737	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	292439	20.00	ng	# 0.00
86) Perylene-d12	25.118	264	312595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	262986	87.06	ng	0.00
7) Phenol-d6	7.257	99	223904	50.94	ng	0.00
23) Nitrobenzene-d5	9.272	82	473798	90.92	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	329222	137.77	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	969635	94.93	ng	0.00
79) Terphenyl-d14	20.101	244	1444845	89.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.520	88	27527	21.60	ng	# 94
3) Pyridine	3.926	79	66803	18.80	ng	# 89
4) n-Nitrosodimethylamine	3.832	42	49328	23.89	ng	# 58
6) Aniline	7.416	93	99967	19.23	ng	97
8) 2-Chlorophenol	7.668	128	167625	53.21	ng	93
9) Benzaldehyde	7.234	77	168530	79.42	ng	82
10) Phenol	7.281	94	97309	21.60	ng	# 70
11) bis(2-Chloroethyl)ether	7.516	93	169728	53.78	ng	100
12) 1,3-Dichlorobenzene	7.991	146	172378	46.00	ng	# 88
13) 1,4-Dichlorobenzene	8.138	146	174971	47.03	ng	# 95
14) 1,2-Dichlorobenzene	8.456	146	169547m	47.51	ng	
15) Benzyl Alcohol	8.338	79	146242	37.47	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.626	45	179986	49.87	ng	83
17) 2-Methylphenol	8.544	107	130060	45.54	ng	# 82
18) Hexachloroethane	9.190	117	67081	46.88	ng	# 86
19) n-Nitroso-di-n-propyla...	8.908	70	164007	50.27	ng	# 92
20) 3+4-Methylphenols	8.873	107	163084	41.68	ng	90
22) Acetophenone	8.926	105	287285	49.03	ng	# 91
24) Nitrobenzene	9.313	77	247237	44.29	ng	# 84
25) Isophorone	9.836	82	453244	45.44	ng	# 93
26) 2-Nitrophenol	10.024	139	104811	49.40	ng	# 69
27) 2,4-Dimethylphenol	10.083	122	174668	52.75	ng	91
28) bis(2-Chloroethoxy)met...	10.318	93	238880	52.84	ng	97
29) 2,4-Dichlorophenol	10.571	162	192363	50.07	ng	95
30) 1,2,4-Trichlorobenzene	10.782	180	197280	42.48	ng	97
31) Naphthalene	10.976	128	534791	46.30	ng	99
32) Benzoic acid	10.171	122	35739	13.87	ng	# 80
33) 4-Chloroaniline	11.070	127	54245	10.98	ng	# 87
34) Hexachlorobutadiene	11.258	225	137619	37.38	ng	99
35) Caprolactam	11.858	113	11469m	8.36	ng	
36) 4-Chloro-3-methylphenol	12.198	107	214656	48.13	ng	86
37) 2-Methylnaphthalene	12.574	142	423457	48.02	ng	# 94
38) 1-Methylnaphthalene	12.798	142	399653	48.19	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.939	216	247494	46.12	ng	# 97
41) Hexachlorocyclopentadiene	12.921	237	299704	86.39	ng	96
43) 2,4,6-Trichlorophenol	13.174	196	174479	47.97	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032421\
Data File : BG048491.D
Acq On : 24 Mar 2021 16:17
Operator : CG/JU
Sample : M1770-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106SMSD

Manual Integrations APPROVED
mohammad
3/25/2021 11:49:55 AM

Quant Time: Mar 24 16:56:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 12:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	187932	46.95	ng	#	90
46) 1,1'-Biphenyl	13.579	154	553892	52.52	ng		99
47) 2-Chloronaphthalene	13.626	162	426766	50.19	ng		96
48) 2-Nitroaniline	13.820	65	166971	53.05	ng	#	73
49) Acenaphthylene	14.472	152	712253	51.73	ng		99
50) Dimethylphthalate	14.196	163	581663	48.64	ng		99
51) 2,6-Dinitrotoluene	14.313	165	122381	47.55	ng	#	51
52) Acenaphthene	14.813	154	523527m	56.58	ng		
53) 3-Nitroaniline	14.643	138	31856	12.93	ng	#	77
54) 2,4-Dinitrophenol	14.848	184	142594	90.77	ng	#	58
55) Dibenzofuran	15.142	168	660238	47.91	ng		92
56) 4-Nitrophenol	14.954	139	93361	42.33	ng	#	40
57) 2,4-Dinitrotoluene	15.101	165	174193	47.66	ng	#	66
58) Fluorene	15.794	166	535493	46.29	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.365	232	172960	43.79	ng	#	88
60) Diethylphthalate	15.553	149	599130	51.25	ng		94
61) 4-Chlorophenyl-phenyle...	15.782	204	303636	45.63	ng	#	90
62) 4-Nitroaniline	15.812	138	118784	44.00	ng	#	53
63) Azobenzene	16.076	77	593173	46.63	ng		87
65) 4,6-Dinitro-2-methylph...	15.865	198	98292	48.97	ng		74
66) n-Nitrosodiphenylamine	16.000	169	496216	53.74	ng		98
67) 4-Bromophenyl-phenylether	16.675	248	198862	49.54	ng	#	87
68) Hexachlorobenzene	16.799	284	218586	50.82	ng	#	93
69) Atrazine	16.946	200	198898	53.55	ng		97
70) Pentachlorophenol	17.140	266	272998	95.47	ng		99
71) Phenanthrene	17.539	178	865764	51.42	ng		98
72) Anthracene	17.633	178	883148	52.87	ng		96
73) Carbazole	17.898	167	791080	49.66	ng		98
74) Di-n-butylphthalate	18.450	149	953069	54.05	ng	#	97
75) Fluoranthene	19.549	202	1013896	45.23	ng		97
77) Benzidine	19.719	184	497793	56.83	ng		100
78) Pyrene	19.907	202	1010889	50.33	ng		98
80) Butylbenzylphthalate	20.788	149	423135	59.28	ng	#	84
81) Benzo(a)anthracene	21.769	228	1002575	49.43	ng		98
82) 3,3'-Dichlorobenzidine	21.675	252	111823	15.28	ng		97
83) Chrysene	21.840	228	938628	48.27	ng		100
84) Bis(2-ethylhexyl)phtha...	21.664	149	581742	58.98	ng		96
85) Di-n-octyl phthalate	22.915	149	992768	60.11	ng		97
87) Indeno(1,2,3-cd)pyrene	28.949	276	1187189	49.80	ng	#	88
88) Benzo(b)fluoranthene	24.061	252	1043446	47.37	ng	#	95
89) Benzo(k)fluoranthene	24.137	252	976916	47.00	ng	#	96
90) Benzo(a)pyrene	24.966	252	921181	45.86	ng	#	97
91) Dibenzo(a,h)anthracene	29.020	278	992746	48.82	ng	#	95
92) Benzo(g,h,i)perylene	30.148	276	977560	49.54	ng	#	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032421\
Data File : BG048491.D
Acq On : 24 Mar 2021 16:17
Operator : CG/JU
Sample : M1770-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 24 16:56:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 12:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MW-106SMSD

Manual Integrations APPROVED
mohammad
3/25/2021 11:49:55 AM