Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048105.D
Acq On : 4 Feb 2021 00:19
Operator : CG/JU
Sample : M1291-13MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OU421-008-0510MS

Manual Integrations APPROVED
mohammad
2/4/2021 11:12:59 AM

Quant Time: Feb 04 00:55:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.112	152	54970	20.00	ng		0.00
21) Naphthalene-d8	10.927	136	224987	20.00	ng		# 0.00
39) Acenaphthene-d10	14.740	164	164079	20.00	ng		0.00
64) Phenanthrene-d10	17.484	188	367290	20.00	ng		# 0.00
76) Chrysene-d12	21.755	240	375675	20.00	ng		# 0.00
86) Perylene-d12	25.028	264	384631	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.674	112	366300	102.41	ng		0.00
7) Phenol-d6	7.266	99	519804	95.58	ng		0.00
23) Nitrobenzene-d5	9.281	82	352913	62.07	ng		0.00
42) 2,4,6-Tribromophenol	16.226	330	246302	90.13	ng		0.00
45) 2-Fluorobiphenyl	13.365	172	756288	59.59	ng		0.00
79) Terphenyl-d14	20.081	244	1061375	48.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.553	88	50554	31.71	ng	#	93
3) Pyridine	3.952	79	160015	33.43	ng		89
4) n-Nitrosodimethylamine	3.864	42	96230	43.51	ng		82
6) Aniline	7.437	93	250267	38.10	ng		91
8) 2-Chlorophenol	7.677	128	184795	49.36	ng		88
9) Benzaldehyde	7.249	77	98151	35.19	ng		86
10) Phenol	7.296	94	258549	49.60	ng		76
11) bis(2-Chloroethyl)ether	7.531	93	174989	42.86	ng		96
12) 1,3-Dichlorobenzene	8.006	146	187902	41.58	ng	#	88
13) 1,4-Dichlorobenzene	8.147	146	190872	42.13	ng		98
14) 1,2-Dichlorobenzene	8.471	146	185889	42.99	ng		92
15) Benzyl Alcohol	8.347	79	208462	45.31	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.635	45	227516	39.71	ng		94
17) 2-Methylphenol	8.547	107	168672	47.88	ng	#	86
18) Hexachloroethane	9.205	117	72477	41.01	ng		97
19) n-Nitroso-di-n-propyla...	8.917	70	163418	41.17	ng	#	95
20) 3+4-Methylphenols	8.876	107	229200	47.02	ng		87
22) Acetophenone	8.941	105	292188	42.14	ng	#	95
24) Nitrobenzene	9.323	77	243190	42.70	ng	#	85
25) Isophorone	9.845	82	432103	42.35	ng	#	93
26) 2-Nitrophenol	10.034	139	107968	46.08	ng	#	71
27) 2,4-Dimethylphenol	10.086	122	169241	49.71	ng		86
28) bis(2-Chloroethoxy)met...	10.327	93	247063	40.24	ng		96
29) 2,4-Dichlorophenol	10.568	162	203879	46.54	ng		97
30) 1,2,4-Trichlorobenzene	10.791	180	223031	42.11	ng		100
31) Naphthalene	10.979	128	548762	42.18	ng		99
32) Benzoic acid	10.233	122	131482	43.12	ng	#	71
33) 4-Chloroaniline	11.079	127	128757	21.66	ng	#	91
34) Hexachlorobutadiene	11.261	225	160315	42.62	ng		96
35) Caprolactam	11.861	113	64884m	38.91	ng		
36) 4-Chloro-3-methylphenol	12.190	107	216671	44.08	ng		90
37) 2-Methylnaphthalene	12.578	142	423573	43.11	ng	#	93
38) 1-Methylnaphthalene	12.795	142	400709	42.75	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.942	216	281179	44.95	ng	#	97
41) Hexachlorocyclopentadiene	12.924	237	382332	107.91	ng		98
43) 2,4,6-Trichlorophenol	13.171	196	196913	45.14	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048105.D
Acq On : 4 Feb 2021 00:19
Operator : CG/JU
Sample : M1291-13MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OU421-008-0510MS

Manual Integrations APPROVED
mohammad
2/4/2021 11:12:59 AM

Quant Time: Feb 04 00:55:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	207950	46.00	ng	#	94
46) 1,1'-Biphenyl	13.576	154	552223	43.53	ng		98
47) 2-Chloronaphthalene	13.623	162	462549	41.90	ng		98
48) 2-Nitroaniline	13.817	65	162502	40.56	ng	#	76
49) Acenaphthylene	14.464	152	686053	42.11	ng		99
50) Dimethylphthalate	14.193	163	620878	41.81	ng		100
51) 2,6-Dinitrotoluene	14.305	165	133072	43.10	ng	#	65
52) Acenaphthene	14.804	154	533118m	48.34	ng		
53) 3-Nitroaniline	14.634	138	94735	27.97	ng		84
54) 2,4-Dinitrophenol	14.840	184	187129	96.94	ng	#	70
55) Dibenzofuran	15.139	168	689806	41.23	ng		96
56) 4-Nitrophenol	14.940	139	205976	77.95	ng	#	56
57) 2,4-Dinitrotoluene	15.092	165	179471	40.25	ng	#	77
58) Fluorene	15.786	166	559627	41.61	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.357	232	199814	44.20	ng	#	97
60) Diethylphthalate	15.551	149	590260	38.66	ng		96
61) 4-Chlorophenyl-phenyle...	15.774	204	344998	41.89	ng		99
62) 4-Nitroaniline	15.803	138	125081	33.91	ng	#	57
63) Azobenzene	16.068	77	568544	39.56	ng		91
65) 4,6-Dinitro-2-methylph...	15.856	198	127093	53.62	ng		88
66) n-Nitrosodiphenylamine	15.985	169	510476	46.25	ng		100
67) 4-Bromophenyl-phenylether	16.667	248	222507	45.33	ng		95
68) Hexachlorobenzene	16.790	284	239224	44.82	ng		99
69) Atrazine	16.931	200	172393	41.12	ng		95
70) Pentachlorophenol	17.131	266	305961	94.41	ng		97
71) Phenanthrene	17.525	178	911630	43.02	ng		97
72) Anthracene	17.613	178	916408	43.97	ng		99
73) Carbazole	17.883	167	789095	40.57	ng		100
74) Di-n-butylphthalate	18.435	149	912514	38.42	ng	#	98
75) Fluoranthene	19.528	202	1125271	40.50	ng		97
77) Benzidine	19.699	184	547217	50.49	ng		99
78) Pyrene	19.887	202	1112774	40.45	ng		99
80) Butylbenzylphthalate	20.768	149	418046	39.78	ng		91
81) Benzo(a)anthracene	21.737	228	1148326	42.06	ng		99
82) 3,3'-Dichlorobenzidine	21.649	252	333296	36.23	ng		96
83) Chrysene	21.802	228	1097691	42.31	ng		99
84) Bis(2-ethylhexyl)phtha...	21.638	149	599610	41.66	ng		95
85) Di-n-octyl phthalate	22.871	149	1021264	42.42	ng		96
87) Indeno(1,2,3-cd)pyrene	28.776	276	1358398	43.91	ng	#	89
88) Benzo(b)fluoranthene	23.994	252	1179700	43.15	ng	#	98
89) Benzo(k)fluoranthene	24.064	252	1148463	43.23	ng	#	97
90) Benzo(a)pyrene	24.875	252	1082626	42.17	ng	#	97
91) Dibenzo(a,h)anthracene	28.847	278	1123038	43.98	ng	#	94
92) Benzo(g,h,i)perylene	29.945	276	1113379	45.27	ng	#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048105.D
Acq On : 4 Feb 2021 00:19
Operator : CG/JU
Sample : M1291-13MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 04 00:55:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OU421-008-0510MS

Manual Integrations APPROVED
mohammad
2/4/2021 11:12:59 AM