Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
Data File : BG044162.D
Acq On : 22 Jan 2020 17:39
Operator : JU
Sample : L1216-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-04-COMPMSD

Manual Integrations APPROVED
mohammad
1/23/2020 1:51:46 PM

Quant Time: Jan 23 08:24:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83075	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	375622	20.00	ng		-0.04
39) Acenaphthene-d10	14.56	164	250494	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	520421	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	433881	20.00	ng		-0.03
87) Perylene-d12	24.66	264	499431	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	503629	111.31	ng		-0.03
7) Phenol-d6	7.10	99	683123	108.01	ng		-0.02
23) Nitrobenzene-d5	9.08	82	407032	57.97	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	251999	96.13	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	921291	66.63	ng		-0.03
79) Terphenyl-d14	19.92	244	1327777	70.32	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	72156	36.576	ng		98
3) Pyridine	3.79	79	181652	31.169	ng		93
4) n-Nitrosodimethylamine	3.71	42	90820	35.002	ng		95
6) Aniline	7.25	93	173073	20.835	ng		98
8) 2-Chlorophenol	7.50	128	238032	44.813	ng		98
9) Benzaldehyde	7.06	77	113128	27.948	ng		98
10) Phenol	7.13	94	313341	48.087	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	211866	37.667	ng		98
12) 1,3-Dichlorobenzene	7.82	146	233977	37.643	ng		99
13) 1,4-Dichlorobenzene	7.97	146	235448	38.391	ng		98
14) 1,2-Dichlorobenzene	8.28	146	226250	38.434	ng		99
15) Benzyl Alcohol	8.17	79	192382	38.543	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	287836	33.077	ng		99
17) 2-Methylphenol	8.38	107	198831	42.166	ng		97
18) Hexachloroethane	9.01	117	87662	36.734	ng		98
19) n-Nitroso-di-n-propylamine	8.74	70	170106	36.117	ng		98
20) 3+4-Methylphenols	8.71	107	278863	42.392	ng		98
22) Acetophenone	8.75	105	319985	34.266	ng	#	98
24) Nitrobenzene	9.12	77	243855	35.065	ng		99
25) Isophorone	9.65	82	470529	35.719	ng		99
26) 2-Nitrophenol	9.84	139	131220	39.882	ng		96
27) 2,4-Dimethylphenol	9.91	122	226099	45.652	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	299121	34.060	ng		99
29) 2,4-Dichlorophenol	10.38	162	231906	39.255	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	230788	34.841	ng		99
31) Naphthalene	10.78	128	691665	38.052	ng		98
32) Benzoic acid	10.05	122	125131	33.239	ng		95
33) 4-Chloroaniline	10.89	127	116081	13.389	ng		97
34) Hexachlorobutadiene	11.07	225	133639	33.044	ng		99
35) Caprolactam	11.65	113	87763m	39.906	ng		
36) 4-Chloro-3-methylphenol	12.02	107	251781	40.034	ng		97
37) 2-Methylnaphthalene	12.39	142	523619	38.263	ng		97
38) 1-Methylnaphthalene	12.61	142	501448	38.663	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	247617	33.726	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
Data File : BG044162.D
Acq On : 22 Jan 2020 17:39
Operator : JU
Sample : L1216-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Manual Integrations APPROVED
mohammad
1/23/2020 1:51:46 PM

Quant Time: Jan 23 08:24:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	316482	83.145 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	185666	36.752 ng	97
44) 2,4,5-Trichlorophenol	13.07	196	201474	38.668 ng	98
46) 1,1'-Biphenyl	13.40	154	663286	36.931 ng	97
47) 2-Chloronaphthalene	13.44	162	516929	35.619 ng	98
48) 2-Nitroaniline	13.64	65	158654	33.985 ng	98
49) Acenaphthylene	14.29	152	826799	39.637 ng	97
50) Dimethylphthalate	14.02	163	794657	44.679 ng	99
51) 2,6-Dinitrotoluene	14.14	165	149510	37.191 ng	97
52) Acenaphthene	14.63	154	518542	35.448 ng	98
53) 3-Nitroaniline	14.46	138	88936	19.482 ng	95
54) 2,4-Dinitrophenol	14.67	184	160380	78.425 ng	96
55) Dibenzofuran	14.96	168	784352	38.950 ng	97
56) 4-Nitrophenol	14.78	139	270060	77.198 ng	97
57) 2,4-Dinitrotoluene	14.92	165	203970	37.288 ng	98
58) Fluorene	15.62	166	617422	38.683 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	171530	38.285 ng	97
60) Diethylphthalate	15.39	149	665001	37.382 ng	98
61) 4-Chlorophenyl-phenylether	15.60	204	321487	37.094 ng	98
62) 4-Nitroaniline	15.63	138	147519	32.723 ng	97
63) Azobenzene	15.90	77	624296	37.841 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	118749	44.627 ng	99
66) n-Nitrosodiphenylamine	15.82	169	574632	37.495 ng	97
67) 4-Bromophenyl-phenylether	16.50	248	202565	34.608 ng	99
68) Hexachlorobenzene	16.63	284	220630	34.982 ng	94
69) Atrazine	16.77	200	206172	41.386 ng	99
70) Pentachlorophenol	16.96	266	248479	71.470 ng	99
71) Phenanthrene	17.35	178	945388	37.873 ng	97
72) Anthracene	17.44	178	983993	39.887 ng	96
73) Carbazole	17.71	167	868031	38.092 ng	97
74) Di-n-butylphthalate	18.28	149	1084423	37.273 ng	96
75) Fluoranthene	19.36	202	1091078	38.220 ng	96
77) Benzidine	19.54	184	381458	34.977 ng	98
78) Pyrene	19.72	202	1091652	38.546 ng	94
80) Butylbenzylphthalate	20.61	149	499835	37.070 ng	99
81) Benzo(a)anthracene	21.54	228	1030439	38.301 ng	95
82) 3,3'-Dichlorobenzidine	21.46	252	232212	21.847 ng	99
83) Chrysene	21.60	228	988603	38.672 ng	95
84) Bis(2-ethylhexyl)phthalate	21.46	149	712119	38.277 ng	97
85) Di-n-octyl phthalate	22.64	149	1243947	39.772 ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1258136	36.214 ng	99
88) Benzo(b)fluoranthene	23.68	252	1083062	36.683 ng	97
89) Benzo(k)fluoranthene	23.74	252	1043277	37.158 ng	99
90) Benzo(a)pyrene	24.51	252	997724	35.804 ng	98
91) Dibenzo(a,h)anthracene	28.24	278	1040146	37.166 ng	98
92) Benzo(g,h,i)perylene	29.27	276	1045233	37.600 ng	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
Data File : BG044162.D
Acq On : 22 Jan 2020 17:39
Operator : JU
Sample : L1216-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 23 08:24:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Manual Integrations APPROVED
mohammad
1/23/2020 1:51:46 PM