Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044563.D
Acq On : 22 Feb 2020 00:09
Operator : CG/JU
Sample : L1362-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-03-021820MSD

Manual Integrations APPROVED
mohammad
2/24/2020 3:30:30 PM

Quant Time: Feb 24 00:49:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	66839	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	272181	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	179568	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	403778	20.00	ng	0.00
76) Chrysene-d12	21.51	240	375319	20.00	ng	0.00
87) Perylene-d12	24.59	264	426249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	549293	145.04	ng	0.00
7) Phenol-d6	7.06	99	663925	130.55	ng	0.00
23) Nitrobenzene-d5	9.04	82	476532	98.84	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	340111	161.34	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	1082146	100.92	ng	0.00
79) Terphenyl-d14	19.88	244	1783121	97.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	71169	41.825	ng	# 69
3) Pyridine	3.74	79	123038	27.140	ng	98
4) n-Nitrosodimethylamine	3.65	42	90588	47.819	ng	99
6) Aniline	7.21	93	148726	23.560	ng	98
8) 2-Chlorophenol	7.45	128	233249	56.039	ng	99
9) Benzaldehyde	7.01	77	101062	34.891	ng	96
10) Phenol	7.09	94	246824	49.040	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	215330	50.042	ng	98
12) 1,3-Dichlorobenzene	7.77	146	226849	45.647	ng	99
13) 1,4-Dichlorobenzene	7.92	146	230337	46.797	ng	97
14) 1,2-Dichlorobenzene	8.23	146	219430	47.165	ng	99
15) Benzyl Alcohol	8.12	79	191059	53.064	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	273963	47.040	ng	99
17) 2-Methylphenol	8.33	107	191193	53.241	ng	99
18) Hexachloroethane	8.96	117	81508	44.129	ng	97
19) n-Nitroso-di-n-propylamine	8.69	70	167328	49.368	ng	97
20) 3+4-Methylphenols	8.66	107	259388	52.412	ng	99
22) Acetophenone	8.70	105	318717	48.135	ng	99
24) Nitrobenzene	9.08	77	239075	50.796	ng	99
25) Isophorone	9.60	82	472437	52.575	ng	99
26) 2-Nitrophenol	9.79	139	133629	54.717	ng	98
27) 2,4-Dimethylphenol	9.86	122	218658	63.427	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	292447	48.786	ng	99
29) 2,4-Dichlorophenol	10.34	162	229204	54.985	ng	98
30) 1,2,4-Trichlorobenzene	10.55	180	231459	48.425	ng	97
31) Naphthalene	10.73	128	677113	51.275	ng	100
32) Benzoic acid	10.03	122	64338	34.139	ng	95
33) 4-Chloroaniline	10.84	127	39609	6.595	ng	98
34) Hexachlorobutadiene	11.02	225	137493	46.748	ng	99
35) Caprolactam	11.61	113	67364m	44.115	ng	
36) 4-Chloro-3-methylphenol	11.98	107	242116	55.398	ng	98
37) 2-Methylnaphthalene	12.34	142	509168	51.931	ng	100
38) 1-Methylnaphthalene	12.56	142	484195	52.381	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	258642	48.151	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	236221	91.651 ng	100
43) 2,4,6-Trichlorophenol	12.96	196	187071	53.880 ng	99
44) 2,4,5-Trichlorophenol	13.03	196	199618	56.289 ng	98
46) 1,1'-Biphenyl	13.36	154	650993	50.260 ng	98
47) 2-Chloronaphthalene	13.40	162	506526	49.144 ng	98
48) 2-Nitroaniline	13.60	65	150256	49.398 ng	99
49) Acenaphthylene	14.24	152	809559	53.551 ng	99
50) Dimethylphthalate	13.98	163	682221	52.853 ng	100
51) 2,6-Dinitrotoluene	14.09	165	154351	53.631 ng	94
52) Acenaphthene	14.59	154	498993	50.924 ng	98
53) 3-Nitroaniline	14.43	138	61107	19.191 ng	95
54) 2,4-Dinitrophenol	14.64	184	153475	89.043 ng	99
55) Dibenzofuran	14.92	168	775367	52.264 ng	100
56) 4-Nitrophenol	14.76	139	250416	107.366 ng	99
57) 2,4-Dinitrotoluene	14.88	165	214299	53.126 ng	95
58) Fluorene	15.57	166	625861	53.561 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	181647	56.708 ng	98
60) Diethylphthalate	15.35	149	676511	52.599 ng	100
61) 4-Chlorophenyl-phenylether	15.57	204	328989	51.926 ng	98
62) 4-Nitroaniline	15.59	138	150781	47.391 ng	99
63) Azobenzene	15.86	77	595180	52.800 ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	125458	56.288 ng	97
66) n-Nitrosodiphenylamine	15.78	169	588130	51.975 ng	99
67) 4-Bromophenyl-phenylether	16.46	248	224389	51.008 ng	98
68) Hexachlorobenzene	16.58	284	247218	50.161 ng	100
69) Atrazine	16.73	200	236481	60.973 ng	99
70) Pentachlorophenol	16.93	266	268018	106.459 ng	98
71) Phenanthrene	17.31	178	1034770	52.923 ng	100
72) Anthracene	17.40	178	1062361	54.957 ng	99
73) Carbazole	17.67	167	978386	54.902 ng	99
74) Di-n-butylphthalate	18.23	149	1177444	53.467 ng	99
75) Fluoranthene	19.32	202	1256155	55.537 ng	99
77) Benzidine	19.50	184	233628	22.442 ng	97
78) Pyrene	19.69	202	1260899	52.313 ng	99
80) Butylbenzylphthalate	20.57	149	560988	51.073 ng	99
81) Benzo(a)anthracene	21.49	228	1235551	53.415 ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	226386	25.217 ng	96
83) Chrysene	21.56	228	1184507	52.978 ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	797214	52.731 ng	98
85) Di-n-octyl phthalate	22.57	149	1384558	52.929 ng	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1565324	53.662 ng	100
88) Benzo(b)fluoranthene	23.62	252	1324787	53.937 ng	99
89) Benzo(k)fluoranthene	23.68	252	1304506	54.493 ng	99
90) Benzo(a)pyrene	24.44	252	1227997	52.878 ng	98
91) Dibenzo(a,h)anthracene	28.13	278	1283890	55.862 ng	99
92) Benzo(g,h,i)perylene	29.16	276	1304565	56.701 ng	99

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

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