Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044115.D
Acq On : 21 Jan 2020 2:12
Operator : JU
Sample : L1176-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3MSD

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:31 PM

Quant Time: Jan 21 07:27:39 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	85368	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	372118	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	252166	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	535518	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	444357	20.00	ng	-0.03
87) Perylene-d12	24.67	264	508690	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	711866	153.11	ng	-0.02
7) Phenol-d6	7.11	99	1008766	155.22	ng	-0.02
23) Nitrobenzene-d5	9.09	82	576333	82.85	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	392982	148.92	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1292881	92.89	ng	-0.03
79) Terphenyl-d14	19.93	244	1873166	109.16	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	87607	43.215	ng	97
3) Pyridine	3.79	79	223069	37.248	ng	94
4) n-Nitrosodimethylamine	3.70	42	117596	44.105	ng	98
6) Aniline	7.25	93	142748	16.723	ng	97
8) 2-Chlorophenol	7.50	128	294846	54.018	ng	98
9) Benzaldehyde	7.07	77	149828	36.021	ng	99
10) Phenol	7.14	94	399318	59.635	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	272975	47.228	ng	97
12) 1,3-Dichlorobenzene	7.82	146	294767	46.149	ng	99
13) 1,4-Dichlorobenzene	7.97	146	302300	47.967	ng	99
14) 1,2-Dichlorobenzene	8.29	146	286244	47.320	ng	100
15) Benzyl Alcohol	8.17	79	252178	49.166	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	372294	41.633	ng	98
17) 2-Methylphenol	8.38	107	258979	53.446	ng	98
18) Hexachloroethane	9.02	117	111552	45.489	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	221640	45.795	ng	98
20) 3+4-Methylphenols	8.71	107	359352	53.160	ng	99
22) Acetophenone	8.75	105	404775	43.754	ng	98
24) Nitrobenzene	9.13	77	312734	45.393	ng	99
25) Isophorone	9.66	82	606589	46.481	ng	99
26) 2-Nitrophenol	9.84	139	171578	52.640	ng	96
27) 2,4-Dimethylphenol	9.91	122	284058	57.894	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	380435	43.727	ng	100
29) 2,4-Dichlorophenol	10.38	162	302376	51.665	ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	294576	44.890	ng	99
31) Naphthalene	10.78	128	871384	48.390	ng	99
32) Benzoic acid	10.07	122	159065	40.878	ng	97
33) 4-Chloroaniline	10.89	127	62935	7.328	ng	98
34) Hexachlorobutadiene	11.08	225	170312	42.508	ng	99
35) Caprolactam	11.67	113	116423m	53.436	ng	
36) 4-Chloro-3-methylphenol	12.02	107	333169	53.474	ng	98
37) 2-Methylnaphthalene	12.39	142	663725	48.958	ng	97
38) 1-Methylnaphthalene	12.61	142	633501	49.304	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	316439	42.814	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	401850	104.873	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	246102	48.392	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	265571	50.631	ng	99
46) 1,1'-Biphenyl	13.40	154	843780	46.669	ng	98
47) 2-Chloronaphthalene	13.45	162	662125	45.321	ng	98
48) 2-Nitroaniline	13.64	65	209182	44.511	ng	95
49) Acenaphthylene	14.29	152	1063617	50.652	ng	98
50) Dimethylphthalate	14.03	163	967668	54.045	ng	98
51) 2,6-Dinitrotoluene	14.14	165	198298	49.000	ng	99
52) Acenaphthene	14.63	154	671175	45.578	ng	97
53) 3-Nitroaniline	14.47	138	60928	13.258	ng	98
54) 2,4-Dinitrophenol	14.67	184	220676	105.183	ng	95
55) Dibenzofuran	14.97	168	1006381	49.644	ng	98
56) 4-Nitrophenol	14.79	139	364652	103.546	ng	96
57) 2,4-Dinitrotoluene	14.93	165	277679	50.427	ng	98
58) Fluorene	15.62	166	804191	50.050	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	231024	51.222	ng	98
60) Diethylphthalate	15.39	149	874945	48.857	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	418219	47.935	ng	98
62) 4-Nitroaniline	15.63	138	195623	43.105	ng	96
63) Azobenzene	15.90	77	817156	49.202	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	163023	58.071	ng	96
66) n-Nitrosodiphenylamine	15.83	169	755939	47.934	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	273136	45.349	ng	98
68) Hexachlorobenzene	16.63	284	295303	45.502	ng	97
69) Atrazine	16.78	200	280039	54.629	ng	98
70) Pentachlorophenol	16.97	266	322118	90.038	ng	99
71) Phenanthrene	17.35	178	1250202	48.672	ng	99
72) Anthracene	17.45	178	1292361	50.910	ng	99
73) Carbazole	17.71	167	1148940	48.998	ng	98
74) Di-n-butylphthalate	18.28	149	1413174	47.203	ng	98
75) Fluoranthene	19.36	202	1418740	48.296	ng	98
77) Benzidine	19.54	184	328000	29.366	ng	98
78) Pyrene	19.73	202	1427405	49.212	ng	98
80) Butylbenzylphthalate	20.62	149	670324	48.542	ng	94
81) Benzo(a)anthracene	21.54	228	1365675	49.565	ng	98
82) 3,3'-Dichlorobenzidine	21.46	252	196337	18.036	ng	96
83) Chrysene	21.61	228	1298062	49.580	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	938894	49.276	ng	99
85) Di-n-octyl phthalate	22.64	149	1628373	50.835	ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1701605	47.825	ng	99
88) Benzo(b)fluoranthene	23.69	252	1435842	47.746	ng	99
89) Benzo(k)fluoranthene	23.76	252	1398020	48.887	ng	99
90) Benzo(a)pyrene	24.53	252	1337032	47.106	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1393076	48.871	ng	100
92) Benzo(g,h,i)perylene	29.30	276	1431645	50.562	ng	98

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

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