Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
Data File : BG044071.D
Acq On : 16 Jan 2020 16:41
Operator : JU
Sample : L1126-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BW-1-3.0MS

Manual Integrations APPROVED
mohammad
1/17/2020 2:08:10 PM

Quant Time: Jan 17 07:22:56 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	7.94	152	115108	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	460301	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	278399	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	558542	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	474435	20.00	ng	-0.02
87) Perylene-d12	24.69	264	548202	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	545980	87.09	ng	0.00
7) Phenol-d6	7.11	99	735452	83.93	ng	0.00
23) Nitrobenzene-d5	9.10	82	418687	48.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.06	330	240473	82.54	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	872459	56.78	ng	-0.02
79) Terphenyl-d14	19.94	244	1164523	52.65	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	107654	39.384	ng	98
3) Pyridine	3.81	79	266504	33.003	ng	97
4) n-Nitrosodimethylamine	3.72	42	135940	37.812	ng	96
6) Aniline	7.27	93	189229	16.440	ng	97
8) 2-Chlorophenol	7.51	128	327166	44.453	ng	97
9) Benzaldehyde	7.07	77	178272	31.786	ng	98
10) Phenol	7.14	94	409829	45.392	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	306242	39.294	ng	99
12) 1,3-Dichlorobenzene	7.84	146	353529	41.049	ng	100
13) 1,4-Dichlorobenzene	7.98	146	353219	41.566	ng	98
14) 1,2-Dichlorobenzene	8.30	146	336274	41.228	ng	99
15) Benzyl Alcohol	8.18	79	266487	38.532	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	418889	34.741	ng	99
17) 2-Methylphenol	8.39	107	274392	41.996	ng	97
18) Hexachloroethane	9.03	117	132923	40.200	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	232257	35.590	ng	98
20) 3+4-Methylphenols	8.72	107	371285	40.735	ng	98
22) Acetophenone	8.76	105	439936	38.444	ng	99
24) Nitrobenzene	9.14	77	336155	39.445	ng	97
25) Isophorone	9.66	82	623853	38.646	ng	99
26) 2-Nitrophenol	9.85	139	184082	45.656	ng	97
27) 2,4-Dimethylphenol	9.92	122	294869	48.584	ng	96
28) bis(2-Chloroethoxy)methane	10.15	93	399625	37.133	ng	99
29) 2,4-Dichlorophenol	10.39	162	311071	42.968	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	327952	40.402	ng	98
31) Naphthalene	10.79	128	952194	42.748	ng	99
32) Benzoic acid	10.08	122	204506	42.241	ng	100
33) 4-Chloroaniline	10.90	127	131834	12.409	ng	98
34) Hexachlorobutadiene	11.09	225	193772	39.098	ng	96
35) Caprolactam	11.67	113	106454m	39.500	ng	
36) 4-Chloro-3-methylphenol	12.03	107	316441	41.059	ng	99
37) 2-Methylnaphthalene	12.40	142	680097	40.555	ng	97
38) 1-Methylnaphthalene	12.62	142	642994	40.456	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	331361	40.609	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	256477	60.627 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	234231	41.718 ng	97
44) 2,4,5-Trichlorophenol	13.08	196	252428	43.591 ng	99
46) 1,1'-Biphenyl	13.41	154	836933	41.929 ng	98
47) 2-Chloronaphthalene	13.45	162	651464	40.390 ng	99
48) 2-Nitroaniline	13.65	65	189288	36.483 ng	96
49) Acenaphthylene	14.30	152	1034638	44.629 ng	99
50) Dimethylphthalate	14.03	163	858482	43.429 ng	99
51) 2,6-Dinitrotoluene	14.15	165	183746	41.126 ng	92
52) Acenaphthene	14.64	154	637697	39.224 ng	99
53) 3-Nitroaniline	14.47	138	115155	22.697 ng	97
54) 2,4-Dinitrophenol	14.68	184	159218	70.638 ng	97
55) Dibenzofuran	14.98	168	950103	42.451 ng	97
56) 4-Nitrophenol	14.80	139	355595	91.460 ng	95
57) 2,4-Dinitrotoluene	14.94	165	248195	40.825 ng	97
58) Fluorene	15.62	166	746400	42.076 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	216564	43.491 ng	96
60) Diethylphthalate	15.40	149	786242	39.767 ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	381818	39.639 ng	99
62) 4-Nitroaniline	15.64	138	165239	32.980 ng	95
63) Azobenzene	15.91	77	728875	39.752 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	117802	41.581 ng	97
66) n-Nitrosodiphenylamine	15.83	169	684211	41.598 ng	100
67) 4-Bromophenyl-phenylether	16.51	248	245741	39.119 ng	100
68) Hexachlorobenzene	16.63	284	265088	39.162 ng	97
69) Atrazine	16.78	200	259549	48.545 ng	99
70) Pentachlorophenol	16.97	266	331881	88.943 ng	99
71) Phenanthrene	17.36	178	1229354	45.888 ng	99
72) Anthracene	17.46	178	1216424	45.943 ng	98
73) Carbazole	17.72	167	1090496	44.588 ng	98
74) Di-n-butylphthalate	18.28	149	1301040	41.666 ng	97
75) Fluoranthene	19.37	202	1721623	56.191 ng	99
77) Benzidine	19.55	184	306368	25.691 ng	98
78) Pyrene	19.74	202	1767241	57.066 ng	99
80) Butylbenzylphthalate	20.62	149	608931	41.301 ng	96
81) Benzo(a)anthracene	21.55	228	1646151	55.957 ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	236187	20.322 ng	99
83) Chrysene	21.62	228	1519138	54.346 ng	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	868844	42.709 ng	98
85) Di-n-octyl phthalate	22.65	149	1493813	43.678 ng	98
86) Indeno(1,2,3-cd)pyrene	28.24	276	1835786	48.325 ng	98
88) Benzo(b)fluoranthene	23.71	252	1817499	56.081 ng	100
89) Benzo(k)fluoranthene	23.77	252	1479970	48.023 ng	99
90) Benzo(a)pyrene	24.55	252	1625281	53.135 ng	100
91) Dibenzo(a,h)anthracene	28.29	278	1276822	41.564 ng	99
92) Benzo(g,h,i)perylene	29.34	276	1532102	50.210 ng	98

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

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