Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044038.D
Acq On : 14 Jan 2020 16:07
Operator : JU
Sample : L1108-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-AMS

Manual Integrations APPROVED
mohammad
1/16/2020 1:38:40 PM

Quant Time: Jan 14 21:19:00 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	113293	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	460485	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	296386	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	628395	20.00	ng		-0.01
76) Chrysene-d12	21.58	240	550642	20.00	ng		0.00
87) Perylene-d12	24.74	264	642255	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	746450	120.98	ng		-0.01
7) Phenol-d6	7.12	99	1005868	116.62	ng		0.00
23) Nitrobenzene-d5	9.10	82	587051	68.20	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	366953	118.31	ng		-0.01
45) 2-Fluorobiphenyl	13.20	172	1191561	72.84	ng		-0.02
79) Terphenyl-d14	19.94	244	1680456	70.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	107599	39.995	ng		99
3) Pyridine	3.81	79	273475	34.409	ng		96
4) n-Nitrosodimethylamine	3.72	42	140623	39.741	ng		96
6) Aniline	7.27	93	304039	26.839	ng		99
8) 2-Chlorophenol	7.51	128	340877	47.058	ng		98
9) Benzaldehyde	7.08	77	184773	33.473	ng		99
10) Phenol	7.14	94	428156	48.181	ng		100
11) bis(2-Chloroethyl)ether	7.37	93	319521	41.655	ng		99
12) 1,3-Dichlorobenzene	7.84	146	360425	42.520	ng		99
13) 1,4-Dichlorobenzene	7.98	146	357652	42.762	ng		98
14) 1,2-Dichlorobenzene	8.30	146	342771	42.698	ng		99
15) Benzyl Alcohol	8.18	79	286317	42.062	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	443634	37.383	ng		98
17) 2-Methylphenol	8.40	107	287856	44.763	ng		99
18) Hexachloroethane	9.03	117	137069	42.118	ng		93
19) n-Nitroso-di-n-propylamine	8.75	70	246492	38.376	ng		98
20) 3+4-Methylphenols	8.72	107	393999	43.919	ng		97
22) Acetophenone	8.77	105	464668	40.589	ng	#	99
24) Nitrobenzene	9.14	77	353650	41.482	ng		99
25) Isophorone	9.67	82	680446	42.135	ng		99
26) 2-Nitrophenol	9.86	139	196094	48.616	ng		97
27) 2,4-Dimethylphenol	9.92	122	317041	52.217	ng		97
28) bis(2-Chloroethoxy)methane	10.15	93	427124	39.672	ng		99
29) 2,4-Dichlorophenol	10.40	162	332545	45.916	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	337411	41.550	ng		99
31) Naphthalene	10.80	128	982200	44.077	ng		99
32) Benzoic acid	10.08	122	218474	44.683	ng		93
33) 4-Chloroaniline	10.90	127	131391	12.362	ng		97
34) Hexachlorobutadiene	11.09	225	198279	39.991	ng		97
35) Caprolactam	11.67	113	128268m	47.575	ng		
36) 4-Chloro-3-methylphenol	12.03	107	349810	45.371	ng		97
37) 2-Methylnaphthalene	12.40	142	719393	42.881	ng		98
38) 1-Methylnaphthalene	12.63	142	691912	43.516	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	349083	40.184	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	479428	106.452	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	266790	44.633	ng		96
44) 2,4,5-Trichlorophenol	13.08	196	284870	46.208	ng		99
46) 1,1'-Biphenyl	13.41	154	904710	42.574	ng		99
47) 2-Chloronaphthalene	13.45	162	709774	41.334	ng		99
48) 2-Nitroaniline	13.65	65	219714	39.777	ng		98
49) Acenaphthylene	14.30	152	1116365	45.232	ng		99
50) Dimethylphthalate	14.04	163	1002728	47.648	ng		98
51) 2,6-Dinitrotoluene	14.15	165	209923	44.133	ng		93
52) Acenaphthene	14.64	154	716449	41.393	ng		97
53) 3-Nitroaniline	14.48	138	115979	21.472	ng		97
54) 2,4-Dinitrophenol	14.68	184	265218	107.429	ng		96
55) Dibenzofuran	14.98	168	1067998	44.823	ng		98
56) 4-Nitrophenol	14.79	139	419760	101.411	ng		94
57) 2,4-Dinitrotoluene	14.94	165	293490	45.346	ng		98
58) Fluorene	15.63	166	851790	45.104	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	248521	46.880	ng		97
60) Diethylphthalate	15.40	149	930209	44.193	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	440830	42.988	ng		96
62) 4-Nitroaniline	15.64	138	220064	41.256	ng		95
63) Azobenzene	15.91	77	851533	43.623	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	184364	56.126	ng		94
66) n-Nitrosodiphenylamine	15.83	169	803057	43.396	ng		99
67) 4-Bromophenyl-phenylether	16.52	248	289199	40.919	ng		97
68) Hexachlorobenzene	16.64	284	310392	40.758	ng		96
69) Atrazine	16.79	200	311563	51.796	ng		99
70) Pentachlorophenol	16.98	266	395897	94.305	ng		98
71) Phenanthrene	17.37	178	1432149	47.515	ng		100
72) Anthracene	17.46	178	1404733	47.158	ng		99
73) Carbazole	17.72	167	1289169	46.852	ng		99
74) Di-n-butylphthalate	18.29	149	1587282	45.182	ng		98
75) Fluoranthene	19.37	202	1682705	48.816	ng		100
77) Benzidine	19.55	184	816051	58.960	ng		98
78) Pyrene	19.74	202	1683772	46.846	ng		98
80) Butylbenzylphthalate	20.63	149	748202	43.724	ng		96
81) Benzo(a)anthracene	21.55	228	1559715	45.681	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	341460	25.313	ng		99
83) Chrysene	21.63	228	1542624	47.548	ng		97
84) Bis(2-ethylhexyl)phthalate	21.48	149	1111617	47.080	ng		99
85) Di-n-octyl phthalate	22.67	149	1852181	46.661	ng		98
86) Indeno(1,2,3-cd)pyrene	28.37	276	1950448	44.237	ng	#	49
88) Benzo(b)fluoranthene	23.72	252	1723859	45.402	ng		98
89) Benzo(k)fluoranthene	23.80	252	1575269	43.630	ng		99
90) Benzo(a)pyrene	24.59	252	1547165	43.174	ng		98
91) Dibenzo(a,h)anthracene	28.44	278	1578900	43.871	ng		98
92) Benzo(g,h,i)perylene	29.55	276	1624927	45.454	ng		97

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

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