Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044039.D
Acq On : 14 Jan 2020 16:47
Operator : JU
Sample : L1108-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
1/16/2020 1:38:43 PM

Quant Time: Jan 14 21:20:25 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	7.95	152	118689	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	478962	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	299908	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	638447	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	552000	20.00	ng	-0.02
87) Perylene-d12	24.69	264	647491	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	773415	119.65	ng	0.00
7) Phenol-d6	7.12	99	1043584	115.50	ng	0.00
23) Nitrobenzene-d5	9.10	82	611837	68.34	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	379612	120.95	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1221449	73.79	ng	-0.02
79) Terphenyl-d14	19.94	244	1696039	70.69	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	117004	41.513	ng	99
3) Pyridine	3.81	79	288639	34.666	ng	94
4) n-Nitrosodimethylamine	3.73	42	149570	40.348	ng	95
6) Aniline	7.27	93	301831	25.432	ng	97
8) 2-Chlorophenol	7.52	128	351925	46.375	ng	99
9) Benzaldehyde	7.08	77	189672	32.798	ng	99
10) Phenol	7.15	94	446117	47.920	ng	99
11) bis(2-Chloroethyl)ether	7.36	93	334285	41.598	ng	100
12) 1,3-Dichlorobenzene	7.83	146	375675	42.304	ng	97
13) 1,4-Dichlorobenzene	7.98	146	375838	42.894	ng	99
14) 1,2-Dichlorobenzene	8.30	146	355103	42.223	ng	99
15) Benzyl Alcohol	8.18	79	299429	41.989	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	459784	36.982	ng	99
17) 2-Methylphenol	8.39	107	303254	45.013	ng	99
18) Hexachloroethane	9.03	117	141458	41.490	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	259164	38.515	ng	98
20) 3+4-Methylphenols	8.72	107	411910	43.828	ng	98
22) Acetophenone	8.76	105	477891	40.134	ng	99
24) Nitrobenzene	9.14	77	362507	40.880	ng	99
25) Isophorone	9.67	82	704006	41.912	ng	100
26) 2-Nitrophenol	9.86	139	203812	48.580	ng	97
27) 2,4-Dimethylphenol	9.92	122	331967	52.566	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	441887	39.460	ng	99
29) 2,4-Dichlorophenol	10.40	162	343303	45.573	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	350982	41.554	ng	99
31) Naphthalene	10.80	128	1016689	43.865	ng	99
32) Benzoic acid	10.07	122	223972	44.130	ng	99
33) 4-Chloroaniline	10.90	127	143386	12.970	ng	98
34) Hexachlorobutadiene	11.10	225	208977	40.523	ng	98
35) Caprolactam	11.67	113	126361m	45.060	ng	
36) 4-Chloro-3-methylphenol	12.03	107	358843	44.747	ng	98
37) 2-Methylnaphthalene	12.41	142	750426	43.005	ng	99
38) 1-Methylnaphthalene	12.62	142	714014	43.174	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	359048	40.846	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	498814	109.455	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	274143	45.325	ng		98
44) 2,4,5-Trichlorophenol	13.09	196	293426	47.037	ng		99
46) 1,1'-Biphenyl	13.41	154	938063	43.625	ng		99
47) 2-Chloronaphthalene	13.46	162	730462	42.039	ng		97
48) 2-Nitroaniline	13.65	65	222105	39.738	ng		95
49) Acenaphthylene	14.30	152	1143550	45.789	ng		98
50) Dimethylphthalate	14.03	163	1011615	47.506	ng		100
51) 2,6-Dinitrotoluene	14.15	165	214412	44.548	ng		97
52) Acenaphthene	14.64	154	718420	41.020	ng		99
53) 3-Nitroaniline	14.47	138	109149	19.970	ng		97
54) 2,4-Dinitrophenol	14.69	184	273174	109.254	ng		97
55) Dibenzofuran	14.98	168	1099659	45.610	ng		99
56) 4-Nitrophenol	14.80	139	421283	100.584	ng		96
57) 2,4-Dinitrotoluene	14.94	165	296576	45.285	ng		98
58) Fluorene	15.63	166	860440	45.026	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	253887	47.330	ng		97
60) Diethylphthalate	15.40	149	937981	44.039	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	442720	42.666	ng		98
62) 4-Nitroaniline	15.64	138	213469	39.550	ng		95
63) Azobenzene	15.91	77	858764	43.476	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	183206	54.991	ng		97
66) n-Nitrosodiphenylamine	15.83	169	811159	43.143	ng		100
67) 4-Bromophenyl-phenylether	16.51	248	293002	40.805	ng		98
68) Hexachlorobenzene	16.64	284	313707	40.545	ng		98
69) Atrazine	16.78	200	315691	51.656	ng		99
70) Pentachlorophenol	16.98	266	398453	93.420	ng		98
71) Phenanthrene	17.36	178	1444648	47.175	ng		99
72) Anthracene	17.45	178	1407214	46.497	ng		99
73) Carbazole	17.72	167	1292613	46.238	ng		98
74) Di-n-butylphthalate	18.29	149	1590909	44.572	ng		98
75) Fluoranthene	19.37	202	1694300	48.378	ng		99
77) Benzidine	19.55	184	817130	58.893	ng		98
78) Pyrene	19.73	202	1690281	46.912	ng		99
80) Butylbenzylphthalate	20.63	149	753138	43.904	ng		97
81) Benzo(a)anthracene	21.55	228	1573913	45.983	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	312448	23.106	ng		99
83) Chrysene	21.62	228	1502762	46.206	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	1120070	47.321	ng		100
85) Di-n-octyl phthalate	22.66	149	1848902	46.464	ng		98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1938867	43.867	ng	#	85
88) Benzo(b)fluoranthene	23.71	252	1687994	44.098	ng		99
89) Benzo(k)fluoranthene	23.77	252	1600309	43.965	ng		99
90) Benzo(a)pyrene	24.56	252	1552599	42.975	ng		98
91) Dibenzo(a,h)anthracene	28.32	278	1548612	42.682	ng		100
92) Benzo(g,h,i)perylene	29.38	276	1622617	45.022	ng		98

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

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