Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
Data File : BG043748.D
Acq On : 22 Nov 2019 19:03
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:14 AM

Quant Time: Nov 23 00:23:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 23:55:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	84683	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	323870	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	210153	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	468903	20.00	ng		0.00
76) Chrysene-d12	21.67	240	420850	20.00	ng		0.00
87) Perylene-d12	24.85	264	491715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	739456	160.01	ng		0.00
7) Phenol-d6	7.19	99	984661	148.09	ng		0.00
23) Nitrobenzene-d5	9.19	82	966692	153.88	ng		0.01
42) 2,4,6-Tribromophenol	16.14	330	375983	94.01	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1967137	129.34	ng		0.00
79) Terphenyl-d14	20.01	244	2701024	120.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	174882	97.109	ng		98
3) Pyridine	3.92	79	447184	98.438	ng		96
4) n-Nitrosodimethylamine	3.83	42	243371	106.167	ng	#	98
6) Aniline	7.36	93	639889	83.543	ng		96
8) 2-Chlorophenol	7.60	128	398904	78.195	ng		95
9) Benzaldehyde	7.16	77	253718	77.647	ng		97
10) Phenol	7.22	94	513294	84.482	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	430109	91.562	ng		96
12) 1,3-Dichlorobenzene	7.92	146	489839	76.638	ng		98
13) 1,4-Dichlorobenzene	8.07	146	490260	75.812	ng		99
14) 1,2-Dichlorobenzene	8.39	146	459113	72.713	ng		99
15) Benzyl Alcohol	8.26	79	408630	87.509	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	736466	107.821	ng		99
17) 2-Methylphenol	8.46	107	359747	81.221	ng		98
18) Hexachloroethane	9.12	117	189224	81.103	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	363899	84.698	ng		96
20) 3+4-Methylphenols	8.80	107	492538	81.095	ng		94
22) Acetophenone	8.85	105	658218	79.361	ng		97
24) Nitrobenzene	9.23	77	481589	80.474	ng		97
25) Isophorone	9.76	82	924616	80.504	ng		96
26) 2-Nitrophenol	9.94	139	196940	68.165	ng		95
27) 2,4-Dimethylphenol	10.00	122	331722	80.108	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	583807	92.098	ng		97
29) 2,4-Dichlorophenol	10.47	162	421991	79.536	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	494924	74.012	ng		98
31) Naphthalene	10.88	128	1238011	75.307	ng		98
32) Benzoic acid	10.18	122	274088	94.348	ng		97
33) 4-Chloroaniline	10.98	127	576746	85.586	ng		99
34) Hexachlorobutadiene	11.18	225	337171	68.208	ng		99
35) Caprolactam	11.77	113	142684m	78.085	ng		
36) 4-Chloro-3-methylphenol	12.11	107	430430	74.374	ng		97
37) 2-Methylnaphthalene	12.49	142	909877	72.134	ng		98
38) 1-Methylnaphthalene	12.71	142	861697	71.798	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	559944	71.996	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	325208	79.600	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	356722	77.883	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	362865	78.364	ng		99
46) 1,1'-Biphenyl	13.49	154	1153117	72.127	ng		97
47) 2-Chloronaphthalene	13.53	162	950508	78.139	ng		95
48) 2-Nitroaniline	13.73	65	290981	80.036	ng		99
49) Acenaphthylene	14.38	152	1416452	74.818	ng		95
50) Dimethylphthalate	14.12	163	1200965	73.779	ng		97
51) 2,6-Dinitrotoluene	14.22	165	256993	72.672	ng		100
52) Acenaphthene	14.72	154	928533	80.425	ng		98
53) 3-Nitroaniline	14.55	138	281393	82.417	ng		99
54) 2,4-Dinitrophenol	14.75	184	108082	57.888	ng	#	78
55) Dibenzofuran	15.06	168	1375128	73.447	ng		94
56) 4-Nitrophenol	14.85	139	223144	97.528	ng		98
57) 2,4-Dinitrotoluene	15.01	165	350485	69.351	ng		99
58) Fluorene	15.71	166	1093169	69.615	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	341819m	69.480	ng		
60) Diethylphthalate	15.48	149	1195588	73.099	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	625592	68.291	ng		100
62) 4-Nitroaniline	15.72	138	289695	82.158	ng		98
63) Azobenzene	16.00	77	1109593	83.825	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	158540	57.452	ng		97
66) n-Nitrosodiphenylamine	15.91	169	1011316	76.393	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	417343	66.136	ng		99
68) Hexachlorobenzene	16.71	284	439526	60.678	ng		95
69) Atrazine	16.86	200	347038	75.442	ng		98
70) Pentachlorophenol	17.05	266	272694	82.619	ng		96
71) Phenanthrene	17.45	178	1743720	72.621	ng		96
72) Anthracene	17.54	178	1730218	72.021	ng		95
73) Carbazole	17.80	167	1592326	73.192	ng		96
74) Di-n-butylphthalate	18.38	149	1929720	73.104	ng		96
75) Fluoranthene	19.45	202	2070281	66.136	ng		93
77) Benzidine	19.62	184	956822	112.969	ng		96
78) Pyrene	19.81	202	2078060	79.772	ng		95
80) Butylbenzylphthalate	20.71	149	945675	95.819	ng		97
81) Benzo(a)anthracene	21.65	228	2097414	79.563	ng		96
82) 3,3'-Dichlorobenzidine	21.56	252	797074	78.174	ng		99
83) Chrysene	21.71	228	1985440	75.802	ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	1267272	90.393	ng		97
85) Di-n-octyl phthalate	22.80	149	2207117	92.794	ng		98
86) Indeno(1,2,3-cd)pyrene	28.49	276	2641194	80.333	ng		97
88) Benzo(b)fluoranthene	23.85	252	2182007	78.351	ng		96
89) Benzo(k)fluoranthene	23.92	252	2117623	75.532	ng		97
90) Benzo(a)pyrene	24.71	252	2110520	79.361	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	2097382	77.105	ng		96
92) Benzo(g,h,i)perylene	29.62	276	2105402	78.467	ng		100

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

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