Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044114.D
Acq On : 21 Jan 2020 1:33
Operator : JU
Sample : L1176-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-3MS

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:28 PM

Quant Time: Jan 21 07:26:03 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	84155	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	359139	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	245241	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	517993	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	424736	20.00	ng		-0.03
87) Perylene-d12	24.67	264	490912	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	663582	144.78	ng		-0.03
7) Phenol-d6	7.11	99	932427	145.54	ng		-0.02
23) Nitrobenzene-d5	9.09	82	534902	79.68	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	355451	138.50	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1207001	89.17	ng		-0.03
79) Terphenyl-d14	19.93	244	1715784	102.68	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	85047	42.557	ng		97
3) Pyridine	3.79	79	215533	36.508	ng		93
4) n-Nitrosodimethylamine	3.70	42	111549	42.440	ng		96
6) Aniline	7.25	93	159752	18.984	ng		98
8) 2-Chlorophenol	7.50	128	282640	52.529	ng		98
9) Benzaldehyde	7.07	77	143608	35.023	ng		99
10) Phenol	7.14	94	379869	57.548	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	259430	45.531	ng		99
12) 1,3-Dichlorobenzene	7.82	146	284107	45.121	ng		99
13) 1,4-Dichlorobenzene	7.96	146	288771	46.481	ng		99
14) 1,2-Dichlorobenzene	8.29	146	274326	46.003	ng		99
15) Benzyl Alcohol	8.17	79	238561	47.181	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	354223	40.183	ng		100
17) 2-Methylphenol	8.38	107	243796	51.038	ng		96
18) Hexachloroethane	9.02	117	108216	44.765	ng		97
19) n-Nitroso-di-n-propylamine	8.74	70	209340	43.877	ng		97
20) 3+4-Methylphenols	8.71	107	339948	51.015	ng		99
22) Acetophenone	8.75	105	387785	43.432	ng	#	98
24) Nitrobenzene	9.13	77	297742	44.779	ng		99
25) Isophorone	9.66	82	579153	45.983	ng		99
26) 2-Nitrophenol	9.84	139	164487	52.288	ng		95
27) 2,4-Dimethylphenol	9.91	122	271630	57.362	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	365728	43.555	ng		98
29) 2,4-Dichlorophenol	10.39	162	288373	51.053	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	281929	44.515	ng		99
31) Naphthalene	10.78	128	840238	48.347	ng		99
32) Benzoic acid	10.06	122	147278	39.471	ng		98
33) 4-Chloroaniline	10.89	127	76207	9.193	ng		99
34) Hexachlorobutadiene	11.08	225	163538	42.292	ng		99
35) Caprolactam	11.66	113	109655m	52.148	ng		
36) 4-Chloro-3-methylphenol	12.02	107	316866	52.696	ng		97
37) 2-Methylnaphthalene	12.39	142	633431	48.412	ng		97
38) 1-Methylnaphthalene	12.61	142	604079	48.713	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	300964	41.870	ng		99

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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	12.75	237	391666	105.102 ng	98
43) 2,4,6-Trichlorophenol	13.01	196	233512	47.213 ng	98
44) 2,4,5-Trichlorophenol	13.08	196	252193	49.438 ng	98
46) 1,1'-Biphenyl	13.40	154	807059	45.899 ng	99
47) 2-Chloronaphthalene	13.44	162	632940	44.547 ng	99
48) 2-Nitroaniline	13.64	65	199439	43.636 ng	98
49) Acenaphthylene	14.29	152	1019235	49.909 ng	97
50) Dimethylphthalate	14.03	163	916672	52.643 ng	99
51) 2,6-Dinitrotoluene	14.14	165	185674	47.176 ng	97
52) Acenaphthene	14.63	154	635549	44.377 ng	99
53) 3-Nitroaniline	14.47	138	76594	17.137 ng	93
54) 2,4-Dinitrophenol	14.67	184	200565	98.656 ng	97
55) Dibenzofuran	14.97	168	966687	49.032 ng	99
56) 4-Nitrophenol	14.79	139	338853	98.937 ng	96
57) 2,4-Dinitrotoluene	14.93	165	260731	48.686 ng	99
58) Fluorene	15.61	166	767037	49.086 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	218834	49.889 ng	98
60) Diethylphthalate	15.39	149	834555	47.918 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	397391	46.834 ng	99
62) 4-Nitroaniline	15.63	138	185574	42.046 ng	96
63) Azobenzene	15.90	77	779884	48.284 ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	153283	56.572 ng	94
66) n-Nitrosodiphenylamine	15.83	169	723277	47.415 ng	98
67) 4-Bromophenyl-phenylether	16.50	248	258214	44.322 ng	98
68) Hexachlorobenzene	16.62	284	280926	44.751 ng	98
69) Atrazine	16.78	200	264519	53.347 ng	99
70) Pentachlorophenol	16.97	266	299025	86.411 ng	100
71) Phenanthrene	17.35	178	1187600	47.799 ng	99
72) Anthracene	17.45	178	1227178	49.978 ng	98
73) Carbazole	17.71	167	1080563	47.641 ng	97
74) Di-n-butylphthalate	18.28	149	1337901	46.200 ng	97
75) Fluoranthene	19.36	202	1340442	47.175 ng	98
77) Benzidine	19.54	184	351696	32.943 ng	96
78) Pyrene	19.73	202	1350153	48.699 ng	97
80) Butylbenzylphthalate	20.62	149	631946	47.877 ng	94
81) Benzo(a)anthracene	21.54	228	1286433	48.846 ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	211632	20.340 ng	97
83) Chrysene	21.61	228	1218654	48.698 ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	887658	48.739 ng	98
85) Di-n-octyl phthalate	22.64	149	1549363	50.603 ng	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1590106	46.755 ng	100
88) Benzo(b)fluoranthene	23.69	252	1353720	46.645 ng	99
89) Benzo(k)fluoranthene	23.76	252	1309399	47.446 ng	99
90) Benzo(a)pyrene	24.53	252	1252413	45.723 ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1312190	47.701 ng	99
92) Benzo(g,h,i)perylene	29.30	276	1325908	48.524 ng	98

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

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