Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044144.D
Acq On : 21 Jan 2020 21:54
Operator : JU
Sample : PB126236BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Manual Integrations APPROVED
mohammad
1/23/2020 7:58:28 AM

Quant Time: Jan 22 07:23:17 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	78388	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	344787	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	232660	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	503100	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	421494	20.00	ng		-0.03
87) Perylene-d12	24.66	264	483838	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	641152	150.18	ng		-0.03
7) Phenol-d6	7.10	99	864300	144.83	ng		-0.02
23) Nitrobenzene-d5	9.08	82	457163	70.93	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	338793	139.15	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1045295	81.40	ng		-0.03
79) Terphenyl-d14	19.92	244	1515430	87.31	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	93644	50.307	ng		97
3) Pyridine	3.78	79	190296	34.605	ng		93
4) n-Nitrosodimethylamine	3.70	42	97468	39.811	ng		95
6) Aniline	7.25	93	260623	33.250	ng		99
8) 2-Chlorophenol	7.50	128	246817	49.246	ng		96
9) Benzaldehyde	7.06	77	125797	32.936	ng		98
10) Phenol	7.13	94	309543	50.344	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	223943	42.195	ng		97
12) 1,3-Dichlorobenzene	7.82	146	248061	42.295	ng		100
13) 1,4-Dichlorobenzene	7.97	146	247401	42.752	ng		99
14) 1,2-Dichlorobenzene	8.28	146	237959	42.841	ng		99
15) Benzyl Alcohol	8.17	79	209283	44.436	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	305149	37.163	ng		98
17) 2-Methylphenol	8.38	107	217758	48.941	ng		99
18) Hexachloroethane	9.01	117	91455	40.615	ng		96
19) n-Nitroso-di-n-propylamine	8.74	70	185187	41.670	ng		97
20) 3+4-Methylphenols	8.71	107	303172	48.843	ng		100
22) Acetophenone	8.75	105	344016	40.134	ng	#	98
24) Nitrobenzene	9.12	77	260950	40.879	ng		99
25) Isophorone	9.65	82	504122	41.692	ng		99
26) 2-Nitrophenol	9.84	139	142664	47.238	ng		99
27) 2,4-Dimethylphenol	9.91	122	243475	53.556	ng		99
28) bis(2-Chloroethoxy)methane	10.14	93	317365	39.369	ng		100
29) 2,4-Dichlorophenol	10.38	162	253486	46.745	ng		99
30) 1,2,4-Trichlorobenzene	10.60	180	246087	40.473	ng		97
31) Naphthalene	10.78	128	744089	44.597	ng		98
32) Benzoic acid	10.06	122	128589	36.464	ng		93
33) 4-Chloroaniline	10.89	127	177677	22.327	ng		97
34) Hexachlorobutadiene	11.08	225	141049	37.995	ng		98
35) Caprolactam	11.65	113	93643m	46.387	ng		
36) 4-Chloro-3-methylphenol	12.02	107	278292	48.207	ng		99
37) 2-Methylnaphthalene	12.39	142	563791	44.883	ng		97
38) 1-Methylnaphthalene	12.61	142	534150	44.867	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	265784	38.975	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	348603	98.604	ng		98
43) 2,4,6-Trichlorophenol	13.00	196	204024	43.481	ng		99
44) 2,4,5-Trichlorophenol	13.07	196	222601	45.997	ng		98
46) 1,1'-Biphenyl	13.40	154	715737	42.906	ng		98
47) 2-Chloronaphthalene	13.44	162	561169	41.631	ng		98
48) 2-Nitroaniline	13.64	65	175881	40.563	ng		96
49) Acenaphthylene	14.29	152	898905	46.397	ng		97
50) Dimethylphthalate	14.02	163	721031	43.647	ng		98
51) 2,6-Dinitrotoluene	14.14	165	165687	44.374	ng		95
52) Acenaphthene	14.63	154	562547	41.404	ng		98
53) 3-Nitroaniline	14.47	138	121620	28.683	ng		99
54) 2,4-Dinitrophenol	14.67	184	161014	84.327	ng		96
55) Dibenzofuran	14.97	168	859215	45.938	ng		99
56) 4-Nitrophenol	14.79	139	305461	94.010	ng		94
57) 2,4-Dinitrotoluene	14.92	165	230377	45.344	ng		98
58) Fluorene	15.62	166	679889	45.862	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.19	232	195237	46.916	ng		97
60) Diethylphthalate	15.39	149	737613	44.642	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	348969	43.351	ng		99
62) 4-Nitroaniline	15.63	138	168454	40.231	ng		97
63) Azobenzene	15.90	77	686017	44.769	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	131237	50.389	ng		93
66) n-Nitrosodiphenylamine	15.82	169	635618	42.902	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	228311	40.349	ng		98
68) Hexachlorobenzene	16.63	284	246356	40.406	ng		97
69) Atrazine	16.77	200	235718	48.946	ng		98
70) Pentachlorophenol	16.97	266	266707	79.354	ng		99
71) Phenanthrene	17.35	178	1080319	44.769	ng		97
72) Anthracene	17.44	178	1105252	46.345	ng		97
73) Carbazole	17.71	167	985609	44.741	ng		97
74) Di-n-butylphthalate	18.28	149	1220358	43.389	ng		97
75) Fluoranthene	19.36	202	1229341	44.545	ng		97
77) Benzidine	19.54	184	519988	49.081	ng		99
78) Pyrene	19.72	202	1230356	44.720	ng		96
80) Butylbenzylphthalate	20.61	149	571193	43.607	ng		97
81) Benzo(a)anthracene	21.54	228	1169923	44.764	ng		96
82) 3,3'-Dichlorobenzidine	21.46	252	336571	32.596	ng		99
83) Chrysene	21.60	228	1110624	44.722	ng		96
84) Bis(2-ethylhexyl)phthalate	21.46	149	800234	44.277	ng		98
85) Di-n-octyl phthalate	22.64	149	1396161	45.950	ng		97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1447105	42.878	ng	#	91
88) Benzo(b)fluoranthene	23.68	252	1219558	42.637	ng		97
89) Benzo(k)fluoranthene	23.75	252	1212706	44.585	ng		98
90) Benzo(a)pyrene	24.52	252	1149644	42.585	ng		97
91) Dibenzo(a,h)anthracene	28.24	278	1187373	43.794	ng		98
92) Benzo(g,h,i)perylene	29.29	276	1206262	44.791	ng		98

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

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