Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044151.D
Acq On : 22 Jan 2020 9:29
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 22 11:09:10 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	90074	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	382699	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	246234	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	520295	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	446985	20.00	ng	-0.03
87) Perylene-d12	24.66	264	514047	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	425359	86.71	ng	-0.03
7) Phenol-d6	7.10	99	598792	87.32	ng	-0.02
23) Nitrobenzene-d5	9.09	82	552491	77.23	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	229353	89.01	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1226633	90.25	ng	-0.04
79) Terphenyl-d14	19.92	244	1703795	94.63	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	89590	41.885	ng	97
3) Pyridine	3.79	79	262425	41.530	ng	96
4) n-Nitrosodimethylamine	3.71	42	107378	38.168	ng	97
6) Aniline	7.25	93	362505	40.248	ng	98
8) 2-Chlorophenol	7.49	128	238616	41.433	ng	100
9) Benzaldehyde	7.07	77	147558	33.622	ng	98
10) Phenol	7.12	94	300336	42.510	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	244383	40.072	ng	98
12) 1,3-Dichlorobenzene	7.82	146	279790	41.516	ng	98
13) 1,4-Dichlorobenzene	7.96	146	276793	41.625	ng	99
14) 1,2-Dichlorobenzene	8.29	146	266372	41.734	ng	100
15) Benzyl Alcohol	8.16	79	215148	39.755	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	352741	37.386	ng	100
17) 2-Methylphenol	8.38	107	212275	41.519	ng	97
18) Hexachloroethane	9.02	117	105802	40.890	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	200569	39.276	ng	97
20) 3+4-Methylphenols	8.70	107	294671	41.314	ng	99
22) Acetophenone	8.75	105	378863	39.821	ng	99
24) Nitrobenzene	9.13	77	275954	38.947	ng	99
25) Isophorone	9.65	82	523986	39.041	ng	100
26) 2-Nitrophenol	9.84	139	144251	43.032	ng	98
27) 2,4-Dimethylphenol	9.91	122	204248	40.477	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	350564	39.179	ng	98
29) 2,4-Dichlorophenol	10.38	162	246672	40.982	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	272239	40.339	ng	99
31) Naphthalene	10.78	128	781719	42.211	ng	99
32) Benzoic acid	10.05	122	127661	33.276	ng	92
33) 4-Chloroaniline	10.88	127	352043	39.855	ng	100
34) Hexachlorobutadiene	11.08	225	165189	40.089	ng	97
35) Caprolactam	11.65	113	90325	40.311	ng	95
36) 4-Chloro-3-methylphenol	12.02	107	266629	41.611	ng	98
37) 2-Methylnaphthalene	12.39	142	588106	42.181	ng	96
38) 1-Methylnaphthalene	12.61	142	549330	41.571	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	298051	41.298	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	138947	37.135	ng		98
43) 2,4,6-Trichlorophenol	13.00	196	202974	40.873	ng		99
44) 2,4,5-Trichlorophenol	13.08	196	210431	41.085	ng		98
46) 1,1'-Biphenyl	13.40	154	755246	42.779	ng		99
47) 2-Chloronaphthalene	13.44	162	597560	41.887	ng		98
48) 2-Nitroaniline	13.64	65	185000	40.314	ng		97
49) Acenaphthylene	14.29	152	892623	43.533	ng		98
50) Dimethylphthalate	14.02	163	736953	42.151	ng		98
51) 2,6-Dinitrotoluene	14.13	165	164107	41.528	ng		96
52) Acenaphthene	14.63	154	577090	40.133	ng		97
53) 3-Nitroaniline	14.46	138	184767	41.174	ng		99
54) 2,4-Dinitrophenol	14.67	184	83170	43.964	ng		96
55) Dibenzofuran	14.97	168	865921	43.744	ng		97
56) 4-Nitrophenol	14.78	139	139430	40.546	ng		95
57) 2,4-Dinitrotoluene	14.92	165	232999	43.332	ng		97
58) Fluorene	15.61	166	684031	43.598	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.19	232	184581	41.910	ng		96
60) Diethylphthalate	15.39	149	754230	43.131	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	358094	42.032	ng		96
62) 4-Nitroaniline	15.63	138	189057	42.662	ng		94
63) Azobenzene	15.90	77	683631	42.154	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	118735	44.632	ng		98
66) n-Nitrosodiphenylamine	15.82	169	624943	40.787	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	233206	39.852	ng		98
68) Hexachlorobenzene	16.63	284	256403	40.664	ng		97
69) Atrazine	16.77	200	197766	39.708	ng		99
70) Pentachlorophenol	16.97	266	123743	35.601	ng		99
71) Phenanthrene	17.35	178	1087781	43.588	ng		98
72) Anthracene	17.44	178	1078534	43.730	ng		97
73) Carbazole	17.71	167	987055	43.326	ng		96
74) Di-n-butylphthalate	18.28	149	1239447	42.611	ng		98
75) Fluoranthene	19.36	202	1233528	43.220	ng		96
77) Benzidine	19.54	184	445644	39.665	ng		100
78) Pyrene	19.72	202	1252228	42.919	ng		96
80) Butylbenzylphthalate	20.61	149	597565	43.019	ng		96
81) Benzo(a)anthracene	21.54	228	1189671	42.923	ng		96
82) 3,3'-Dichlorobenzidine	21.45	252	450539	41.145	ng		99
83) Chrysene	21.60	228	1150523	43.687	ng		96
84) Bis(2-ethylhexyl)phthalate	21.46	149	817754	42.666	ng		98
85) Di-n-octyl phthalate	22.64	149	1425337	44.235	ng		98
86) Indeno(1,2,3-cd)pyrene	28.19	276	1479666	41.342	ng	#	91
88) Benzo(b)fluoranthene	23.69	252	1278919	42.085	ng		98
89) Benzo(k)fluoranthene	23.75	252	1218711	42.173	ng		97
90) Benzo(a)pyrene	24.52	252	1196243	41.707	ng		98
91) Dibenzo(a,h)anthracene	28.25	278	1197059	41.557	ng		98
92) Benzo(g,h,i)perylene	29.29	276	1193669	41.718	ng		96

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

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