Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
Data File : BG044155.D
Acq On : 22 Jan 2020 13:06
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 23 07:49:21 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	97137	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	420575	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	277033	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	586197	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	495342	20.00	ng	-0.03
87) Perylene-d12	24.67	264	569981	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	474441	89.68	ng	-0.03
7) Phenol-d6	7.10	99	657422	88.90	ng	-0.03
23) Nitrobenzene-d5	9.08	82	611739	77.81	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	259126	89.38	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1328131	86.86	ng	-0.03
79) Terphenyl-d14	19.92	244	1847685	91.83	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	98923	42.885	ng	97
3) Pyridine	3.80	79	292225	42.884	ng	93
4) n-Nitrosodimethylamine	3.71	42	121131	39.926	ng	95
6) Aniline	7.25	93	397207	40.894	ng	98
8) 2-Chlorophenol	7.50	128	267128	43.011	ng	95
9) Benzaldehyde	7.06	77	165973	35.068	ng	98
10) Phenol	7.13	94	327114	42.933	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	266138	40.466	ng	99
12) 1,3-Dichlorobenzene	7.82	146	306680	42.197	ng	98
13) 1,4-Dichlorobenzene	7.97	146	303924	42.382	ng	99
14) 1,2-Dichlorobenzene	8.29	146	290268	42.171	ng	98
15) Benzyl Alcohol	8.17	79	236559	40.533	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	382583	37.600	ng	97
17) 2-Methylphenol	8.38	107	233864	42.415	ng	98
18) Hexachloroethane	9.01	117	118411	42.436	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	217105	39.423	ng	98
20) 3+4-Methylphenols	8.70	107	325718	42.347	ng	96
22) Acetophenone	8.75	105	413436	39.541	ng	99
24) Nitrobenzene	9.13	77	306099	39.311	ng	99
25) Isophorone	9.65	82	578918	39.250	ng	100
26) 2-Nitrophenol	9.84	139	160536	43.577	ng	97
27) 2,4-Dimethylphenol	9.91	122	225508	40.666	ng	97
28) bis(2-Chloroethoxy)methane	10.14	93	382813	38.931	ng	97
29) 2,4-Dichlorophenol	10.38	162	275229	41.608	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	302960	40.848	ng	99
31) Naphthalene	10.78	128	849349	41.732	ng	99
32) Benzoic acid	10.07	122	152061	35.541	ng	95
33) 4-Chloroaniline	10.89	127	390785	40.257	ng	98
34) Hexachlorobutadiene	11.08	225	183248	40.467	ng	98
35) Caprolactam	11.66	113	103527	42.042	ng	95
36) 4-Chloro-3-methylphenol	12.02	107	300202	42.632	ng	99
37) 2-Methylnaphthalene	12.39	142	635215	41.456	ng	96
38) 1-Methylnaphthalene	12.61	142	606956	41.795	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	329967	40.637	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	156289	37.126 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	226513	40.542 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	233677	40.552 ng	97
46) 1,1'-Biphenyl	13.40	154	828731	41.723 ng	97
47) 2-Chloronaphthalene	13.44	162	655567	40.844 ng	98
48) 2-Nitroaniline	13.64	65	208029	40.293 ng	96
49) Acenaphthylene	14.29	152	983044	42.613 ng	98
50) Dimethylphthalate	14.03	163	818143	41.593 ng	99
51) 2,6-Dinitrotoluene	14.14	165	183492	41.271 ng	96
52) Acenaphthene	14.63	154	633786	39.175 ng	97
53) 3-Nitroaniline	14.47	138	211001	41.792 ng	100
54) 2,4-Dinitrophenol	14.67	184	98245	45.885 ng	97
55) Dibenzofuran	14.97	168	947459	42.542 ng	99
56) 4-Nitrophenol	14.78	139	159218	41.153 ng	93
57) 2,4-Dinitrotoluene	14.92	165	262454	43.383 ng	98
58) Fluorene	15.61	166	758230	42.954 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	203554	41.080 ng	98
60) Diethylphthalate	15.39	149	843980	42.898 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	399277	41.656 ng	99
62) 4-Nitroaniline	15.63	138	208225	41.764 ng	97
63) Azobenzene	15.90	77	760007	41.654 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	137900	45.873 ng	94
66) n-Nitrosodiphenylamine	15.82	169	705707	40.880 ng	98
67) 4-Bromophenyl-phenylether	16.50	248	263427	39.956 ng	98
68) Hexachlorobenzene	16.62	284	290966	40.958 ng	98
69) Atrazine	16.77	200	223555	39.840 ng	99
70) Pentachlorophenol	16.96	266	144834	36.984 ng	97
71) Phenanthrene	17.35	178	1203965	42.820 ng	98
72) Anthracene	17.44	178	1184922	42.642 ng	98
73) Carbazole	17.71	167	1090566	42.488 ng	97
74) Di-n-butylphthalate	18.28	149	1382740	42.193 ng	97
75) Fluoranthene	19.36	202	1360523	42.310 ng	97
77) Benzidine	19.54	184	510981	41.040 ng	99
78) Pyrene	19.72	202	1359121	42.035 ng	96
80) Butylbenzylphthalate	20.61	149	657047	42.684 ng	98
81) Benzo(a)anthracene	21.54	228	1307008	42.553 ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	488832	40.284 ng	99
83) Chrysene	21.60	228	1262301	43.252 ng	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	889663	41.886 ng	97
85) Di-n-octyl phthalate	22.63	149	1562892	43.769 ng	98
86) Indeno(1,2,3-cd)pyrene	28.19	276	1626687	41.013 ng	99
88) Benzo(b)fluoranthene	23.68	252	1372693	40.738 ng	99
89) Benzo(k)fluoranthene	23.75	252	1360449	42.458 ng	98
90) Benzo(a)pyrene	24.52	252	1318538	41.460 ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1313329	41.119 ng	97
92) Benzo(g,h,i)perylene	29.29	276	1319064	41.577 ng	97

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

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