Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044176.D
Acq On : 24 Jan 2020 11:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 25 05:31:26 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	84484	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	369147	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	243023	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	514651	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	433246	20.00	ng	-0.03
87) Perylene-d12	24.66	264	505701	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	404364	87.88	ng	-0.04
7) Phenol-d6	7.10	99	570707	88.73	ng	-0.02
23) Nitrobenzene-d5	9.09	82	534602	77.47	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	224290	88.19	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1201030	89.54	ng	-0.04
79) Terphenyl-d14	19.93	244	1681638	97.06	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	82464	41.104	ng	99
3) Pyridine	3.79	79	243253	41.043	ng	96
4) n-Nitrosodimethylamine	3.70	42	101807	38.583	ng	98
6) Aniline	7.25	93	342684	40.565	ng	98
8) 2-Chlorophenol	7.49	128	228093	42.226	ng	97
9) Benzaldehyde	7.06	77	143842	34.943	ng	100
10) Phenol	7.12	94	289161	43.636	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	228932	40.022	ng	97
12) 1,3-Dichlorobenzene	7.82	146	261148	41.313	ng	99
13) 1,4-Dichlorobenzene	7.96	146	265302	42.537	ng	98
14) 1,2-Dichlorobenzene	8.28	146	251405	41.995	ng	99
15) Benzyl Alcohol	8.16	79	205306	40.446	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	333310	37.664	ng	97
17) 2-Methylphenol	8.38	107	204511	42.647	ng	97
18) Hexachloroethane	9.02	117	100180	41.279	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	190585	39.790	ng	99
20) 3+4-Methylphenols	8.70	107	284251	42.490	ng	98
22) Acetophenone	8.75	105	361190	39.357	ng	99
24) Nitrobenzene	9.13	77	267247	39.103	ng	99
25) Isophorone	9.65	82	506118	39.094	ng	99
26) 2-Nitrophenol	9.84	139	137000	42.369	ng	97
27) 2,4-Dimethylphenol	9.90	122	196711	40.415	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	337074	39.055	ng	100
29) 2,4-Dichlorophenol	10.38	162	240089	41.353	ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	262173	40.273	ng	99
31) Naphthalene	10.78	128	758359	42.453	ng	99
32) Benzoic acid	10.05	122	118625	32.285	ng	93
33) 4-Chloroaniline	10.88	127	341166	40.042	ng	99
34) Hexachlorobutadiene	11.08	225	156748	39.437	ng	98
35) Caprolactam	11.65	113	89862	41.577	ng	98
36) 4-Chloro-3-methylphenol	12.02	107	264529	42.799	ng	97
37) 2-Methylnaphthalene	12.39	142	568912	42.302	ng	96
38) 1-Methylnaphthalene	12.61	142	539488	42.325	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	289956	40.707	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	130113	35.234	ng		99
43) 2,4,6-Trichlorophenol	13.00	196	199825	40.771	ng		98
44) 2,4,5-Trichlorophenol	13.08	196	209152	41.375	ng		99
46) 1,1'-Biphenyl	13.40	154	738797	42.400	ng		98
47) 2-Chloronaphthalene	13.44	162	585589	41.590	ng		98
48) 2-Nitroaniline	13.63	65	186117	41.093	ng		98
49) Acenaphthylene	14.29	152	882393	43.603	ng		97
50) Dimethylphthalate	14.02	163	733694	42.519	ng		99
51) 2,6-Dinitrotoluene	14.13	165	163541	41.932	ng		97
52) Acenaphthene	14.63	154	572515	40.341	ng		99
53) 3-Nitroaniline	14.46	138	184446	41.645	ng		98
54) 2,4-Dinitrophenol	14.67	184	78130	42.110	ng		96
55) Dibenzofuran	14.96	168	855816	43.805	ng		98
56) 4-Nitrophenol	14.78	139	135544	39.937	ng		95
57) 2,4-Dinitrotoluene	14.92	165	231715	43.663	ng		96
58) Fluorene	15.61	166	678868	43.840	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	180359	41.493	ng		97
60) Diethylphthalate	15.39	149	754382	43.710	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	356172	42.359	ng		98
62) 4-Nitroaniline	15.63	138	184281	42.134	ng		96
63) Azobenzene	15.90	77	683646	42.712	ng		99
65) 4,6-Dinitro-2-methylphenol	15.69	198	115416	43.936	ng		98
66) n-Nitrosodiphenylamine	15.82	169	624788	41.224	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	232497	40.167	ng		97
68) Hexachlorobenzene	16.63	284	256982	41.203	ng		98
69) Atrazine	16.77	200	200707	40.741	ng		99
70) Pentachlorophenol	16.97	266	120657	35.093	ng		97
71) Phenanthrene	17.35	178	1069697	43.333	ng		98
72) Anthracene	17.44	178	1066129	43.701	ng		97
73) Carbazole	17.71	167	972964	43.175	ng		96
74) Di-n-butylphthalate	18.28	149	1227705	42.670	ng		97
75) Fluoranthene	19.36	202	1214693	43.027	ng		97
77) Benzidine	19.54	184	395346	36.304	ng		97
78) Pyrene	19.72	202	1231757	43.556	ng		95
80) Butylbenzylphthalate	20.61	149	583430	43.333	ng		95
81) Benzo(a)anthracene	21.54	228	1174755	43.729	ng		97
82) 3,3'-Dichlorobenzidine	21.45	252	436851	41.160	ng		99
83) Chrysene	21.60	228	1126849	44.145	ng		96
84) Bis(2-ethylhexyl)phthalate	21.46	149	803807	43.268	ng		97
85) Di-n-octyl phthalate	22.64	149	1403054	44.924	ng		98
86) Indeno(1,2,3-cd)pyrene	28.19	276	1459704	42.078	ng	#	88
88) Benzo(b)fluoranthene	23.68	252	1269176	42.453	ng		98
89) Benzo(k)fluoranthene	23.75	252	1200932	42.243	ng		99
90) Benzo(a)pyrene	24.52	252	1177254	41.722	ng		98
91) Dibenzo(a,h)anthracene	28.24	278	1175290	41.475	ng		98
92) Benzo(g,h,i)perylene	29.28	276	1175773	41.771	ng		97

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

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