Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044075.D
Acq On : 17 Jan 2020 14:42
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 18 03:05:32 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	7.94	152	86036	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	373806	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	246278	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	540902	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	455000	20.00	ng	-0.03
87) Perylene-d12	24.67	264	514376	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	419575	89.54	ng	-0.03
7) Phenol-d6	7.11	99	584686	89.27	ng	-0.02
23) Nitrobenzene-d5	9.09	82	538943	77.13	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	242794	94.21	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1207783	88.85	ng	-0.03
79) Terphenyl-d14	19.93	244	1732304	94.48	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	86341	42.260	ng	97
3) Pyridine	3.80	79	254628	42.188	ng	96
4) n-Nitrosodimethylamine	3.71	42	105873	39.400	ng	90
6) Aniline	7.26	93	354647	41.224	ng	97
8) 2-Chlorophenol	7.50	128	232963	42.350	ng	98
9) Benzaldehyde	7.07	77	162021	38.650	ng	99
10) Phenol	7.14	94	291320	43.169	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	236269	40.560	ng	98
12) 1,3-Dichlorobenzene	7.82	146	267512	41.557	ng	99
13) 1,4-Dichlorobenzene	7.97	146	265203	41.754	ng	99
14) 1,2-Dichlorobenzene	8.29	146	252891	41.482	ng	99
15) Benzyl Alcohol	8.17	79	212211	41.052	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.47	45	340063	37.733	ng	98
17) 2-Methylphenol	8.38	107	209889	42.979	ng	97
18) Hexachloroethane	9.02	117	100800	40.786	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	195521	40.084	ng	98
20) 3+4-Methylphenols	8.71	107	292922	42.997	ng	97
22) Acetophenone	8.75	105	371008	39.923	ng	100
24) Nitrobenzene	9.13	77	267400	38.638	ng	99
25) Isophorone	9.66	82	522820	39.881	ng	98
26) 2-Nitrophenol	9.85	139	144025	43.987	ng	96
27) 2,4-Dimethylphenol	9.92	122	205922	41.780	ng	97
28) bis(2-Chloroethoxy)methane	10.14	93	344449	39.412	ng	97
29) 2,4-Dichlorophenol	10.39	162	251182	42.724	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	262198	39.775	ng	98
31) Naphthalene	10.79	128	754721	41.723	ng	100
32) Benzoic acid	10.07	122	154965	39.833	ng	95
33) 4-Chloroaniline	10.89	127	357003	41.378	ng	99
34) Hexachlorobutadiene	11.08	225	157853	39.220	ng	97
35) Caprolactam	11.67	113	94085	42.988	ng	91
36) 4-Chloro-3-methylphenol	12.02	107	277369	44.317	ng	97
37) 2-Methylnaphthalene	12.40	142	574606	42.193	ng	96
38) 1-Methylnaphthalene	12.61	142	540888	41.906	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	288591	39.980	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	143589	38.369 ng	98
43) 2,4,6-Trichlorophenol	13.01	196	210449	42.371 ng	98
44) 2,4,5-Trichlorophenol	13.08	196	219368	42.823 ng	99
46) 1,1'-Biphenyl	13.41	154	740307	41.925 ng	98
47) 2-Chloronaphthalene	13.45	162	590659	41.396 ng	98
48) 2-Nitroaniline	13.64	65	190365	41.476 ng	98
49) Acenaphthylene	14.29	152	890097	43.402 ng	97
50) Dimethylphthalate	14.03	163	760097	43.467 ng	99
51) 2,6-Dinitrotoluene	14.14	165	169257	42.824 ng	96
52) Acenaphthene	14.63	154	585353	40.700 ng	97
53) 3-Nitroaniline	14.47	138	194882	43.420 ng	99
54) 2,4-Dinitrophenol	14.67	184	100441	51.947 ng	97
55) Dibenzofuran	14.97	168	871742	44.030 ng	98
56) 4-Nitrophenol	14.79	139	152009	44.196 ng	96
57) 2,4-Dinitrotoluene	14.93	165	239561	44.544 ng	99
58) Fluorene	15.61	166	694572	44.262 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	191928	43.571 ng	97
60) Diethylphthalate	15.39	149	778489	44.510 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	364090	42.729 ng	96
62) 4-Nitroaniline	15.63	138	194616	43.909 ng	97
63) Azobenzene	15.90	77	682029	42.048 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	130792	47.029 ng	95
66) n-Nitrosodiphenylamine	15.83	169	649584	40.780 ng	99
67) 4-Bromophenyl-phenylether	16.51	248	241845	39.754 ng	97
68) Hexachlorobenzene	16.63	284	262336	40.020 ng	97
69) Atrazine	16.78	200	207700	40.114 ng	99
70) Pentachlorophenol	16.97	266	140046	38.756 ng	98
71) Phenanthrene	17.35	178	1109268	42.756 ng	98
72) Anthracene	17.45	178	1097983	42.822 ng	98
73) Carbazole	17.71	167	1019823	43.059 ng	97
74) Di-n-butylphthalate	18.28	149	1299992	42.990 ng	97
75) Fluoranthene	19.36	202	1252155	42.201 ng	97
77) Benzidine	19.54	184	408228	35.694 ng	98
78) Pyrene	19.73	202	1276199	42.970 ng	97
80) Butylbenzylphthalate	20.62	149	610249	43.158 ng	95
81) Benzo(a)anthracene	21.54	228	1196038	42.393 ng	98
82) 3,3'-Dichlorobenzidine	21.46	252	444050	39.838 ng	98
83) Chrysene	21.61	228	1148169	42.829 ng	96
84) Bis(2-ethylhexyl)phthalate	21.47	149	833351	42.714 ng	98
85) Di-n-octyl phthalate	22.64	149	1431383	43.640 ng	98
86) Indeno(1,2,3-cd)pyrene	28.21	276	1417923	38.919 ng	99
88) Benzo(b)fluoranthene	23.69	252	1223976	40.251 ng	98
89) Benzo(k)fluoranthene	23.76	252	1226321	42.409 ng	98
90) Benzo(a)pyrene	24.53	252	1168583	40.717 ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1145186	39.731 ng	98
92) Benzo(g,h,i)perylene	29.30	276	1132289	39.548 ng	100

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

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