Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
Data File : BG044062.D
Acq On : 16 Jan 2020 10:30
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 17 06:37:11 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	118773	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	500070	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	322928	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	697953	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	612412	20.00	ng	-0.02
87) Perylene-d12	24.68	264	698527	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	560696	86.68	ng	-0.02
7) Phenol-d6	7.11	99	765789	84.69	ng	-0.01
23) Nitrobenzene-d5	9.10	82	708521	75.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	301042	89.08	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1487582	83.46	ng	-0.02
79) Terphenyl-d14	19.93	244	2111124	82.45	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	117430	41.635	ng	98
3) Pyridine	3.81	79	344884	41.392	ng	94
4) n-Nitrosodimethylamine	3.73	42	147762	39.832	ng	96
6) Aniline	7.27	93	471064	39.664	ng	98
8) 2-Chlorophenol	7.51	128	313736	41.313	ng	97
9) Benzaldehyde	7.08	77	203302	35.130	ng	98
10) Phenol	7.14	94	384368	41.258	ng	100
11) bis(2-Chloroethyl)ether	7.36	93	316256	39.327	ng	98
12) 1,3-Dichlorobenzene	7.84	146	365182	41.093	ng	98
13) 1,4-Dichlorobenzene	7.98	146	362984	41.397	ng	99
14) 1,2-Dichlorobenzene	8.30	146	347658	41.308	ng	98
15) Benzyl Alcohol	8.18	79	277304	38.859	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	450698	36.226	ng	98
17) 2-Methylphenol	8.39	107	270422	40.112	ng	97
18) Hexachloroethane	9.03	117	138203	40.507	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	251809	37.395	ng	97
20) 3+4-Methylphenols	8.72	107	379135	40.312	ng	97
22) Acetophenone	8.76	105	487395	39.204	ng	100
24) Nitrobenzene	9.14	77	351005	37.912	ng	99
25) Isophorone	9.67	82	662157	37.757	ng	98
26) 2-Nitrophenol	9.85	139	187785	42.871	ng	97
27) 2,4-Dimethylphenol	9.92	122	253705	38.477	ng	96
28) bis(2-Chloroethoxy)methane	10.15	93	442591	37.855	ng	99
29) 2,4-Dichlorophenol	10.39	162	318885	40.545	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	354548	40.204	ng	99
31) Naphthalene	10.80	128	982010	40.580	ng	99
32) Benzoic acid	10.08	122	165419	33.050	ng	96
33) 4-Chloroaniline	10.90	127	456133	39.519	ng	99
34) Hexachlorobutadiene	11.09	225	214650	39.866	ng	98
35) Caprolactam	11.67	113	118202	40.371	ng	94
36) 4-Chloro-3-methylphenol	12.03	107	334589	39.962	ng	98
37) 2-Methylnaphthalene	12.40	142	728711	39.998	ng	96
38) 1-Methylnaphthalene	12.62	142	687836	39.835	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	376549	39.783	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	173029	35.261	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	260818	40.048	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	274082	40.804	ng	99
46) 1,1'-Biphenyl	13.41	154	931334	40.224	ng	99
47) 2-Chloronaphthalene	13.45	162	743697	39.750	ng	98
48) 2-Nitroaniline	13.65	65	232103	38.566	ng	94
49) Acenaphthylene	14.30	152	1102625	41.003	ng	98
50) Dimethylphthalate	14.04	163	918332	40.051	ng	99
51) 2,6-Dinitrotoluene	14.15	165	208211	40.176	ng	95
52) Acenaphthene	14.64	154	714623	37.894	ng	98
53) 3-Nitroaniline	14.48	138	242419	41.191	ng	100
54) 2,4-Dinitrophenol	14.68	184	107425	43.382	ng	95
55) Dibenzofuran	14.98	168	1076442	41.464	ng	98
56) 4-Nitrophenol	14.79	139	183509	40.691	ng	90
57) 2,4-Dinitrotoluene	14.93	165	302146	42.846	ng	98
58) Fluorene	15.62	166	848673	41.245	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	238510	41.294	ng	97
60) Diethylphthalate	15.40	149	932744	40.671	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	448703	40.160	ng	97
62) 4-Nitroaniline	15.64	138	246134	42.351	ng	95
63) Azobenzene	15.91	77	830857	39.065	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	155320	43.632	ng	98
66) n-Nitrosodiphenylamine	15.83	169	787711	38.324	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	301033	38.349	ng	99
68) Hexachlorobenzene	16.63	284	333593	39.439	ng	98
69) Atrazine	16.78	200	240412	35.984	ng	100
70) Pentachlorophenol	16.98	266	182366	39.111	ng	98
71) Phenanthrene	17.36	178	1353133	40.419	ng	99
72) Anthracene	17.45	178	1336619	40.399	ng	99
73) Carbazole	17.72	167	1267994	41.490	ng	99
74) Di-n-butylphthalate	18.29	149	1579443	40.478	ng	98
75) Fluoranthene	19.37	202	1555889	40.639	ng	99
77) Benzidine	19.55	184	617626	40.123	ng	98
78) Pyrene	19.73	202	1575583	39.415	ng	98
80) Butylbenzylphthalate	20.62	149	762215	40.050	ng	96
81) Benzo(a)anthracene	21.55	228	1529376	40.274	ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	595352	39.683	ng	99
83) Chrysene	21.61	228	1464637	40.591	ng	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	1049121	39.952	ng	99
85) Di-n-octyl phthalate	22.65	149	1804221	40.868	ng	98
86) Indeno(1,2,3-cd)pyrene	28.22	276	1914085	39.034	ng	100
88) Benzo(b)fluoranthene	23.70	252	1612556	39.050	ng	98
89) Benzo(k)fluoranthene	23.76	252	1594305	40.600	ng	99
90) Benzo(a)pyrene	24.54	252	1530715	39.274	ng	99
91) Dibenzo(a,h)anthracene	28.28	278	1540440	39.354	ng	99
92) Benzo(g,h,i)perylene	29.33	276	1521088	39.122	ng	98

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

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