Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
Data File : BG044073.D
Acq On : 16 Jan 2020 17:59
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 17 09:54:09 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	7.95	152	177304	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	713607	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	432559	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	866771	20.00	ng		-0.01
76) Chrysene-d12	21.58	240	756915	20.00	ng		-0.01
87) Perylene-d12	24.69	264	896486	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	792546	82.07	ng		-0.01
7) Phenol-d6	7.12	99	1066685	79.03	ng		0.00
23) Nitrobenzene-d5	9.10	82	1001118	75.05	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	389643	86.08	ng		-0.01
45) 2-Fluorobiphenyl	13.21	172	1927625	80.74	ng		-0.02
79) Terphenyl-d14	19.94	244	2390138	73.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	159906	37.979	ng		98
3) Pyridine	3.83	79	470002	37.787	ng		92
4) n-Nitrosodimethylamine	3.73	42	201851	36.450	ng		96
6) Aniline	7.27	93	673412	37.983	ng		100
8) 2-Chlorophenol	7.52	128	453808	40.031	ng		98
9) Benzaldehyde	7.08	77	303823	35.169	ng		99
10) Phenol	7.15	94	540669	38.877	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	458382	38.184	ng		99
12) 1,3-Dichlorobenzene	7.84	146	541322	40.805	ng		98
13) 1,4-Dichlorobenzene	7.98	146	529135	40.425	ng		98
14) 1,2-Dichlorobenzene	8.30	146	507641	40.406	ng		99
15) Benzyl Alcohol	8.19	79	399420	37.494	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	672239	36.195	ng		99
17) 2-Methylphenol	8.39	107	389190	38.671	ng		98
18) Hexachloroethane	9.03	117	207863	40.812	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	351335	34.951	ng		97
20) 3+4-Methylphenols	8.72	107	535699	38.156	ng		98
22) Acetophenone	8.77	105	672268	37.894	ng	#	99
24) Nitrobenzene	9.15	77	503358	38.099	ng		100
25) Isophorone	9.67	82	915440	36.579	ng		99
26) 2-Nitrophenol	9.86	139	275377	44.056	ng		98
27) 2,4-Dimethylphenol	9.93	122	366097	38.909	ng		99
28) bis(2-Chloroethoxy)methane	10.15	93	616815	36.969	ng		99
29) 2,4-Dichlorophenol	10.40	162	448851	39.992	ng		99
30) 1,2,4-Trichlorobenzene	10.61	180	509195	40.463	ng		99
31) Naphthalene	10.80	128	1362400	39.453	ng		98
32) Benzoic acid	10.10	122	278597	37.877	ng		95
33) 4-Chloroaniline	10.90	127	620320	37.662	ng		99
34) Hexachlorobutadiene	11.09	225	317085	41.269	ng		98
35) Caprolactam	11.70	113	157692	37.742	ng		97
36) 4-Chloro-3-methylphenol	12.04	107	452581	37.879	ng		98
37) 2-Methylnaphthalene	12.41	142	996502	38.330	ng		98
38) 1-Methylnaphthalene	12.62	142	937291	38.039	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	530385	41.834	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	133011	20.236 ng		99
43) 2,4,6-Trichlorophenol	13.02	196	361836	41.477 ng		97
44) 2,4,5-Trichlorophenol	13.09	196	366294	40.711 ng		99
46) 1,1'-Biphenyl	13.41	154	1236302	39.863 ng		99
47) 2-Chloronaphthalene	13.46	162	1005006	40.102 ng		99
48) 2-Nitroaniline	13.65	65	314320	38.990 ng		98
49) Acenaphthylene	14.30	152	1431704	39.747 ng		99
50) Dimethylphthalate	14.04	163	1187535	38.665 ng		100
51) 2,6-Dinitrotoluene	14.15	165	273542	39.404 ng		94
52) Acenaphthene	14.65	154	954663	37.793 ng		98
53) 3-Nitroaniline	14.48	138	312471	39.638 ng		96
54) 2,4-Dinitrophenol	14.69	184	60598	21.443 ng		94
55) Dibenzofuran	14.98	168	1365569	39.270 ng		100
56) 4-Nitrophenol	14.80	139	251179	41.580 ng		97
57) 2,4-Dinitrotoluene	14.94	165	387333	41.005 ng		99
58) Fluorene	15.63	166	1066633	38.699 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	311167	40.219 ng		97
60) Diethylphthalate	15.40	149	1189261	38.714 ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	580177	38.766 ng		99
62) 4-Nitroaniline	15.65	138	313655	40.291 ng		96
63) Azobenzene	15.91	77	1074508	37.717 ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	96868	24.097 ng		92
66) n-Nitrosodiphenylamine	15.84	169	1000321	39.189 ng		99
67) 4-Bromophenyl-phenylether	16.51	248	385789	39.574 ng		98
68) Hexachlorobenzene	16.64	284	420205	40.003 ng		100
69) Atrazine	16.78	200	307644	37.079 ng		100
70) Pentachlorophenol	16.98	266	248786	42.964 ng		98
71) Phenanthrene	17.37	178	1619381	38.951 ng		98
72) Anthracene	17.46	178	1634087	39.771 ng		99
73) Carbazole	17.72	167	1545779	40.728 ng		100
74) Di-n-butylphthalate	18.29	149	1870221	38.595 ng		99
75) Fluoranthene	19.38	202	1813063	38.132 ng		98
77) Benzidine	19.55	184	903469	47.487 ng		98
78) Pyrene	19.73	202	1841159	37.265 ng		99
80) Butylbenzylphthalate	20.63	149	928402	39.469 ng		99
81) Benzo(a)anthracene	21.55	228	1862827	39.690 ng		98
82) 3,3'-Dichlorobenzidine	21.47	252	724468	39.071 ng		97
83) Chrysene	21.62	228	1758835	39.439 ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	1260704	38.843 ng		99
85) Di-n-octyl phthalate	22.65	149	2231966	40.906 ng		100
86) Indeno(1,2,3-cd)pyrene	28.24	276	2292333	37.823 ng	#	74
88) Benzo(b)fluoranthene	23.71	252	2061973	38.907 ng		99
89) Benzo(k)fluoranthene	23.78	252	1915878	38.015 ng		98
90) Benzo(a)pyrene	24.55	252	1941188	38.808 ng		99
91) Dibenzo(a,h)anthracene	28.30	278	1875382	37.332 ng		98
92) Benzo(g,h,i)perylene	29.34	276	1645528	32.977 ng		98

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

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