Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
Data File : BG041253.D
Acq On : 14 Jun 2019 14:19
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC100

Quant Time: Jun 14 15:26:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 13:04:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	42593	20.00	ng		-0.01
21) Naphthalene-d8	10.92	136	180425	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	124224	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	297991	20.00	ng		-0.01
76) Chrysene-d12	21.75	240	300756	20.00	ng		0.00
87) Perylene-d12	25.07	264	278913	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	436143	184.64	ng		0.00
7) Phenol-d6	7.25	99	680439	186.53	ng		0.00
23) Nitrobenzene-d5	9.28	82	873115	214.83	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	363696	197.21	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	1850234	214.49	ng		0.00
79) Terphenyl-d14	20.07	244	2743933	193.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	86663	80.853	ng		97
3) Pyridine	3.90	79	278101	87.685	ng		99
4) n-Nitrosodimethylamine	3.82	42	157352	106.899	ng		83
6) Aniline	7.42	93	451761	92.778	ng		97
8) 2-Chlorophenol	7.66	128	270915	96.205	ng		98
9) Benzaldehyde	7.24	77	231478	106.372	ng		90
10) Phenol	7.28	94	363827	93.018	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	277932	97.950	ng		98
12) 1,3-Dichlorobenzene	7.98	146	330609	98.297	ng		95
13) 1,4-Dichlorobenzene	8.13	146	337747	99.207	ng		97
14) 1,2-Dichlorobenzene	8.45	146	325240	98.392	ng		95
15) Benzyl Alcohol	8.34	79	329043	97.508	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	441411	95.201	ng		96
17) 2-Methylphenol	8.53	107	267419	94.428	ng		98
18) Hexachloroethane	9.17	117	134829	102.755	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	270424	96.329	ng		99
20) 3+4-Methylphenols	8.87	107	367943	93.795	ng		99
22) Acetophenone	8.93	105	502643	99.312	ng	#	98
24) Nitrobenzene	9.33	77	418083	100.943	ng		98
25) Isophorone	9.84	82	747400	96.632	ng		99
26) 2-Nitrophenol	10.03	139	183034	107.197	ng		91
27) 2,4-Dimethylphenol	10.07	122	257159	91.192	ng		96
28) bis(2-Chloroethoxy)methane	10.31	93	402149	96.335	ng		99
29) 2,4-Dichlorophenol	10.56	162	342286	95.584	ng		94
30) 1,2,4-Trichlorobenzene	10.77	180	420562	103.238	ng		94
31) Naphthalene	10.97	128	939341	96.967	ng		98
32) Benzoic acid	10.28	122	182466	90.650	ng		95
33) 4-Chloroaniline	11.08	127	420870	93.636	ng		97
34) Hexachlorobutadiene	11.22	225	321897	103.271	ng		98
35) Caprolactam	11.92	113	105203	88.964	ng		92
36) 4-Chloro-3-methylphenol	12.19	107	375374	91.784	ng		98
37) 2-Methylnaphthalene	12.56	142	711002	95.297	ng		98
38) 1-Methylnaphthalene	12.78	142	667267	94.908	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	533135	106.480	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	292768	130.504	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	328855	101.529	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	328758	96.241	ng		99
46) 1,1'-Biphenyl	13.56	154	938898	102.106	ng		99
47) 2-Chloronaphthalene	13.62	162	813472	103.049	ng		96
48) 2-Nitroaniline	13.83	65	295119	104.210	ng		98
49) Acenaphthylene	14.46	152	1163320	97.915	ng		97
50) Dimethylphthalate	14.19	163	1024291	97.407	ng		99
51) 2,6-Dinitrotoluene	14.32	165	229465	101.208	ng		99
52) Acenaphthene	14.80	154	714698	99.299	ng		95
53) 3-Nitroaniline	14.66	138	223881	98.749	ng		97
54) 2,4-Dinitrophenol	14.85	184	92356	105.080	ng		93
55) Dibenzofuran	15.13	168	1174376	96.970	ng		98
56) 4-Nitrophenol	14.95	139	149354	96.043	ng		93
57) 2,4-Dinitrotoluene	15.10	165	325554	101.651	ng	#	98
58) Fluorene	15.78	166	931752	96.607	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	309451	92.179	ng		99
60) Diethylphthalate	15.53	149	1020010	95.048	ng		98
61) 4-Chlorophenyl-phenylether	15.76	204	625347	99.753	ng		95
62) 4-Nitroaniline	15.83	138	237423	98.918	ng		97
63) Azobenzene	16.05	77	910202	93.318	ng		95
65) 4,6-Dinitro-2-methylphenol	15.86	198	172204	120.442	ng		97
66) n-Nitrosodiphenylamine	15.98	169	828224	98.870	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	406685	101.128	ng		98
68) Hexachlorobenzene	16.77	284	426399	99.573	ng		99
69) Atrazine	16.92	200	139894	43.281	ng		98
70) Pentachlorophenol	17.12	266	202547	97.602	ng		98
71) Phenanthrene	17.52	178	1504783	96.946	ng		95
72) Anthracene	17.61	178	1493349	97.549	ng		96
73) Carbazole	17.88	167	1312167	99.894	ng		98
74) Di-n-butylphthalate	18.41	149	1589118	97.337	ng		96
75) Fluoranthene	19.52	202	1870605	97.569	ng		95
78) Pyrene	19.88	202	1872250	95.762	ng		94
80) Butylbenzylphthalate	20.75	149	779660	102.473	ng		98
81) Benzo(a)anthracene	21.73	228	1889120	94.361	ng		95
82) 3,3'-Dichlorobenzidine	21.65	252	620732	88.152	ng		100
83) Chrysene	21.81	228	1850072	96.567	ng		93
84) Bis(2-ethylhexyl)phthalate	21.59	149	1079332	100.773	ng		98
85) Di-n-octyl phthalate	22.83	149	1785039	100.070	ng		99
86) Indeno(1,2,3-cd)pyrene	28.89	276	1341533	57.163	ng	#	80
88) Benzo(b)fluoranthene	24.01	252	1741725	102.957	ng		98
89) Benzo(k)fluoranthene	24.09	252	1963834	117.310	ng		97
90) Benzo(a)pyrene	24.92	252	1707163	105.772	ng		98
91) Dibenzo(a,h)anthracene	28.94	278	1021976	63.369	ng		99
92) Benzo(g,h,i)perylene	30.08	276	868536	55.433	ng		99

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

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