Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043350.D
Acq On : 28 Oct 2019 15:05
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 28 15:42:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36166	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	151716	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	111669	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	258329	20.00	ng		0.00
76) Chrysene-d12	21.66	240	287179	20.00	ng		0.00
87) Perylene-d12	24.86	264	346124	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	171475	86.88	ng		0.00
7) Phenol-d6	7.21	99	247720	87.24	ng		0.01
23) Nitrobenzene-d5	9.19	82	239849	81.50	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	178670	84.08	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	675633	83.60	ng		0.00
79) Terphenyl-d14	20.01	244	1266602	82.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	33818	43.970	ng		96
3) Pyridine	3.89	79	87949	45.332	ng		95
4) n-Nitrosodimethylamine	3.81	42	43418	44.349	ng		96
6) Aniline	7.36	93	142676	43.617	ng		96
8) 2-Chlorophenol	7.60	128	92896	42.639	ng		94
9) Benzaldehyde	7.16	77	61091	43.777	ng		91
10) Phenol	7.24	94	112447	43.335	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	84011	41.876	ng		95
12) 1,3-Dichlorobenzene	7.91	146	117955	43.212	ng		95
13) 1,4-Dichlorobenzene	8.06	146	119796	43.376	ng		98
14) 1,2-Dichlorobenzene	8.38	146	114313	42.392	ng		97
15) Benzyl Alcohol	8.27	79	84475	42.359	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	123166	42.222	ng		98
17) 2-Methylphenol	8.48	107	80294	42.447	ng		98
18) Hexachloroethane	9.11	117	43104	43.259	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	75921	41.376	ng		94
20) 3+4-Methylphenols	8.81	107	111106	42.834	ng		87
22) Acetophenone	8.85	105	158430	40.777	ng		99
24) Nitrobenzene	9.23	77	115344	41.145	ng		97
25) Isophorone	9.75	82	218362	40.586	ng		100
26) 2-Nitrophenol	9.95	139	57296	42.334	ng		96
27) 2,4-Dimethylphenol	10.01	122	81162	41.840	ng		94
28) bis(2-Chloroethoxy)methane	10.23	93	121185	40.810	ng		98
29) 2,4-Dichlorophenol	10.49	162	104921	42.214	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	131516	41.984	ng		97
31) Naphthalene	10.88	128	318476	41.355	ng		98
32) Benzoic acid	10.18	122	49317	36.068	ng		98
33) 4-Chloroaniline	10.99	127	133546	42.305	ng		97
34) Hexachlorobutadiene	11.17	225	97957	42.302	ng		91
35) Caprolactam	11.76	113	35044	40.940	ng	#	87
36) 4-Chloro-3-methylphenol	12.13	107	110829	40.880	ng		96
37) 2-Methylnaphthalene	12.48	142	243064	41.135	ng		94
38) 1-Methylnaphthalene	12.70	142	232157	41.293	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	175074	42.363	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	93126	42.897	ng		93
43) 2,4,6-Trichlorophenol	13.10	196	101354	41.645	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	105289	42.791	ng		98
46) 1,1'-Biphenyl	13.48	154	352564	41.502	ng		98
47) 2-Chloronaphthalene	13.53	162	266701	41.261	ng		99
48) 2-Nitroaniline	13.74	65	81425	42.148	ng		96
49) Acenaphthylene	14.38	152	423034	42.052	ng		97
50) Dimethylphthalate	14.11	163	352835	40.792	ng		99
51) 2,6-Dinitrotoluene	14.22	165	76299	40.604	ng		97
52) Acenaphthene	14.72	154	253542	41.328	ng		98
53) 3-Nitroaniline	14.56	138	76195	41.999	ng		97
54) 2,4-Dinitrophenol	14.77	184	37617	36.422	ng		93
55) Dibenzofuran	15.05	168	413905	41.604	ng		100
56) 4-Nitrophenol	14.90	139	51054	41.993	ng		99
57) 2,4-Dinitrotoluene	15.02	165	110605	41.187	ng		93
58) Fluorene	15.70	166	348508	41.767	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	108659	41.565	ng	#	99
60) Diethylphthalate	15.46	149	356054	40.968	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	202185	41.536	ng		96
62) 4-Nitroaniline	15.73	138	79355	42.353	ng		98
63) Azobenzene	15.98	77	285469	40.586	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	64757	42.596	ng		92
66) n-Nitrosodiphenylamine	15.90	169	302421	41.466	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	145801	41.939	ng		97
68) Hexachlorobenzene	16.71	284	166025	41.604	ng		95
69) Atrazine	16.85	200	95226	37.575	ng		94
70) Pentachlorophenol	17.06	266	78030	42.912	ng		95
71) Phenanthrene	17.44	178	553452	41.838	ng		99
72) Anthracene	17.53	178	553712	41.836	ng		99
73) Carbazole	17.81	167	495203	41.317	ng		98
74) Di-n-butylphthalate	18.35	149	610238	41.962	ng		99
75) Fluoranthene	19.45	202	713405	41.367	ng		99
77) Benzidine	19.64	184	236824	40.976	ng		99
78) Pyrene	19.81	202	738187	41.527	ng		99
80) Butylbenzylphthalate	20.69	149	279425	41.491	ng		98
81) Benzo(a)anthracene	21.64	228	759992	42.248	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	296677	42.640	ng		100
83) Chrysene	21.71	228	753305	42.147	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	405907	42.429	ng		99
85) Di-n-octyl phthalate	22.75	149	689381	42.474	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	972352	43.340	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	815462	41.598	ng		99
89) Benzo(k)fluoranthene	23.92	252	813873	41.240	ng		100
90) Benzo(a)pyrene	24.72	252	778416	41.582	ng		96
91) Dibenzo(a,h)anthracene	28.57	278	800820	41.824	ng		99
92) Benzo(g,h,i)perylene	29.65	276	789137	41.782	ng		98

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

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