Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041426.D
Acq On : 24 Jun 2019 17:59
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 25 02:21:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24812	20.00	ng		-0.04
21) Naphthalene-d8	10.86	136	100036	20.00	ng		-0.05
39) Acenaphthene-d10	14.68	164	73524	20.00	ng		-0.04
64) Phenanthrene-d10	17.43	188	198515	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	213220	20.00	ng		-0.04
87) Perylene-d12	24.99	264	224787	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	98511	72.95	ng		-0.04
7) Phenol-d6	7.19	99	149719	76.49	ng		-0.04
23) Nitrobenzene-d5	9.22	82	184734	77.66	ng		-0.04
42) 2,4,6-Tribromophenol	16.17	330	89620	79.40	ng		-0.03
45) 2-Fluorobiphenyl	13.30	172	431143	79.70	ng		-0.03
79) Terphenyl-d14	20.03	244	870117	80.87	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	23380	34.528	ng		99
3) Pyridine	3.84	79	61887	34.452	ng		96
4) n-Nitrosodimethylamine	3.76	42	35492	37.050	ng	#	97
6) Aniline	7.36	93	103270	37.957	ng		98
8) 2-Chlorophenol	7.60	128	61069	38.488	ng		99
9) Benzaldehyde	7.18	77	46598	37.220	ng		91
10) Phenol	7.22	94	78506	37.297	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	63072	39.492	ng		95
12) 1,3-Dichlorobenzene	7.92	146	77570	39.045	ng		96
13) 1,4-Dichlorobenzene	8.08	146	77908	38.390	ng		91
14) 1,2-Dichlorobenzene	8.39	146	74630	38.502	ng		99
15) Benzyl Alcohol	8.29	79	63425	33.820	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	92557	35.402	ng		99
17) 2-Methylphenol	8.49	107	56214	37.356	ng		94
18) Hexachloroethane	9.12	117	31286	38.903	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	59547	37.614	ng		97
20) 3+4-Methylphenols	8.82	107	79056	39.463	ng		93
22) Acetophenone	8.87	105	112446	38.627	ng		97
24) Nitrobenzene	9.27	77	93004	38.877	ng		98
25) Isophorone	9.78	82	167753	38.441	ng	#	94
26) 2-Nitrophenol	9.98	139	38066	39.249	ng		95
27) 2,4-Dimethylphenol	10.03	122	54941	37.792	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	87568	38.512	ng		97
29) 2,4-Dichlorophenol	10.51	162	74091	41.103	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	93001	40.284	ng		98
31) Naphthalene	10.91	128	206662	38.012	ng		99
32) Benzoic acid	10.17	122	32819	34.679	ng		97
33) 4-Chloroaniline	11.03	127	94238	40.813	ng		94
34) Hexachlorobutadiene	11.17	225	71699	39.126	ng		96
35) Caprolactam	11.82	113	24779	39.930	ng	#	82
36) 4-Chloro-3-methylphenol	12.15	107	82392	39.571	ng		97
37) 2-Methylnaphthalene	12.52	142	155555	38.847	ng		97
38) 1-Methylnaphthalene	12.74	142	147709	38.554	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	119543	39.375	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	70029	34.243 ng		100
43) 2,4,6-Trichlorophenol	13.12	196	73644	39.212 ng		97
44) 2,4,5-Trichlorophenol	13.20	196	72074	37.296 ng		98
46) 1,1'-Biphenyl	13.52	154	216425	38.937 ng		98
47) 2-Chloronaphthalene	13.56	162	186942	39.065 ng		99
48) 2-Nitroaniline	13.78	65	66273	37.814 ng		91
49) Acenaphthylene	14.41	152	282825	38.947 ng		99
50) Dimethylphthalate	14.13	163	256946	39.277 ng		99
51) 2,6-Dinitrotoluene	14.27	165	53476	38.768 ng		98
52) Acenaphthene	14.74	154	168738	39.571 ng		94
53) 3-Nitroaniline	14.60	138	52770	38.830 ng		92
54) 2,4-Dinitrophenol	14.81	184	32253	35.395 ng		92
55) Dibenzofuran	15.08	168	294477	39.719 ng		98
56) 4-Nitrophenol	14.91	139	35217	35.955 ng		96
57) 2,4-Dinitrotoluene	15.06	165	79224	39.290 ng	#	98
58) Fluorene	15.73	166	232314	39.833 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	78177	39.120 ng		93
60) Diethylphthalate	15.48	149	266350	40.057 ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	149808	39.479 ng		97
62) 4-Nitroaniline	15.77	138	52972	36.444 ng		94
63) Azobenzene	16.01	77	224526	37.850 ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	50179	38.943 ng		97
66) n-Nitrosodiphenylamine	15.94	169	207787	39.420 ng		99
67) 4-Bromophenyl-phenylether	16.61	248	100572	39.181 ng		97
68) Hexachlorobenzene	16.72	284	108365	39.424 ng		97
69) Atrazine	16.88	200	76888	38.320 ng		93
70) Pentachlorophenol	17.08	266	49991	35.518 ng		97
71) Phenanthrene	17.47	178	417905	39.471 ng		98
72) Anthracene	17.56	178	410120	39.292 ng		99
73) Carbazole	17.84	167	360505	39.482 ng		99
74) Di-n-butylphthalate	18.36	149	452111	39.683 ng		98
75) Fluoranthene	19.48	202	557628	39.645 ng		99
77) Benzidine	19.66	184	220988	42.850 ng		99
78) Pyrene	19.84	202	560579	38.984 ng		99
80) Butylbenzylphthalate	20.71	149	208634	38.358 ng		99
81) Benzo(a)anthracene	21.68	228	570266	39.501 ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	203399	40.135 ng		100
83) Chrysene	21.75	228	547378	39.426 ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	291247	39.292 ng	#	97
85) Di-n-octyl phthalate	22.77	149	500836	39.937 ng		97
86) Indeno(1,2,3-cd)pyrene	28.76	276	634558	38.523 ng	#	96
88) Benzo(b)fluoranthene	23.93	252	552848	39.685 ng		98
89) Benzo(k)fluoranthene	24.00	252	535525	38.805 ng		97
90) Benzo(a)pyrene	24.83	252	515909	39.213 ng		99
91) Dibenzo(a,h)anthracene	28.82	278	518070	39.113 ng		100
92) Benzo(g,h,i)perylene	29.95	276	510253	38.981 ng		98

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

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