Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
Data File : BG041642.D
Acq On : 15 Jul 2019 9:10
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Quant Time: Jul 15 11:51:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 11:42:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	95842	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	405977	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	249770	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	584188	20.00	ng		0.00
76) Chrysene-d12	21.66	240	544059	20.00	ng		0.00
87) Perylene-d12	24.86	264	635888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	234095	40.99	ng		0.00
7) Phenol-d6	7.20	99	310980	40.19	ng		0.00
23) Nitrobenzene-d5	9.21	82	245296	36.82	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	107798	37.74	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	692984	43.62	ng		0.00
79) Terphenyl-d14	20.01	244	1097723	49.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	53955	20.820	ng		99
3) Pyridine	3.90	79	150990	22.480	ng		98
4) n-Nitrosodimethylamine	3.82	42	62304	18.215	ng	#	96
6) Aniline	7.37	93	210487	19.851	ng		97
8) 2-Chlorophenol	7.61	128	129783	20.311	ng		98
9) Benzaldehyde	7.18	77	105856	24.791	ng		97
10) Phenol	7.22	94	163396	20.338	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	129602	19.746	ng		99
12) 1,3-Dichlorobenzene	7.95	146	156684	20.083	ng		98
13) 1,4-Dichlorobenzene	8.09	146	157383	20.219	ng		97
14) 1,2-Dichlorobenzene	8.41	146	148305	20.035	ng		96
15) Benzyl Alcohol	8.28	79	118756	18.936	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	273970	19.432	ng		98
17) 2-Methylphenol	8.48	107	108975	19.041	ng		97
18) Hexachloroethane	9.14	117	56199	19.421	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	112495	19.796	ng		96
20) 3+4-Methylphenols	8.80	107	151945	19.285	ng		99
22) Acetophenone	8.87	105	201039	20.012	ng	#	97
24) Nitrobenzene	9.25	77	136129	19.567	ng		97
25) Isophorone	9.77	82	296336	20.428	ng		97
26) 2-Nitrophenol	9.96	139	49810	16.263	ng		100
27) 2,4-Dimethylphenol	10.02	122	114720	19.879	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	181425	20.155	ng		100
29) 2,4-Dichlorophenol	10.50	162	127258	19.061	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	153255	19.698	ng		99
31) Naphthalene	10.91	128	413490	20.857	ng		96
32) Benzoic acid	10.10	122	58530	13.804	ng		98
33) 4-Chloroaniline	11.00	127	183963	19.307	ng		99
34) Hexachlorobutadiene	11.21	225	97098	19.284	ng		99
35) Caprolactam	11.75	113	48092	18.894	ng		91
36) 4-Chloro-3-methylphenol	12.11	107	138633	19.979	ng		98
37) 2-Methylnaphthalene	12.51	142	314696	20.776	ng		97
38) 1-Methylnaphthalene	12.72	142	299526	20.834	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	167405	19.781	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	89670	17.292	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	106424	19.154	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	110901	19.544	ng		98
46) 1,1'-Biphenyl	13.51	154	383060	20.755	ng		97
47) 2-Chloronaphthalene	13.55	162	317776	20.674	ng		97
48) 2-Nitroaniline	13.74	65	78408	18.431	ng		97
49) Acenaphthylene	14.39	152	512274	21.883	ng		96
50) Dimethylphthalate	14.12	163	410375	20.969	ng		97
51) 2,6-Dinitrotoluene	14.23	165	72682	18.617	ng		97
52) Acenaphthene	14.73	154	305654	20.368	ng		99
53) 3-Nitroaniline	14.56	138	82275	18.798	ng	#	94
54) 2,4-Dinitrophenol	14.76	184	26708	15.154	ng	#	41
55) Dibenzofuran	15.07	168	487642	21.692	ng		94
56) 4-Nitrophenol	14.84	139	65583	18.834	ng		99
57) 2,4-Dinitrotoluene	15.01	165	92017	17.919	ng		98
58) Fluorene	15.71	166	394157	21.624	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	102331	19.153	ng		99
60) Diethylphthalate	15.48	149	412313	20.838	ng		96
61) 4-Chlorophenyl-phenylether	15.71	204	215343	20.618	ng		98
62) 4-Nitroaniline	15.71	138	90477	19.480	ng		99
63) Azobenzene	16.00	77	367543	21.100	ng		95
65) 4,6-Dinitro-2-methylphenol	15.77	198	38841	15.316	ng		97
66) n-Nitrosodiphenylamine	15.91	169	352785	19.951	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	139196	19.275	ng		98
68) Hexachlorobenzene	16.72	284	139628	19.116	ng		97
69) Atrazine	16.86	200	133435	25.223	ng		98
70) Pentachlorophenol	17.05	266	83377	18.380	ng		98
71) Phenanthrene	17.45	178	634567	20.787	ng		94
72) Anthracene	17.53	178	633341	19.837	ng		93
73) Carbazole	17.80	167	587662	19.967	ng		92
74) Di-n-butylphthalate	18.37	149	707000	19.581	ng	#	94
75) Fluoranthene	19.45	202	775360	21.095	ng		91
77) Benzidine	19.62	184	450249	24.781	ng		96
78) Pyrene	19.81	202	785113	22.428	ng	#	90
80) Butylbenzylphthalate	20.70	149	307322	18.574	ng		94
81) Benzo(a)anthracene	21.64	228	755639	20.074	ng		92
82) 3,3'-Dichlorobenzidine	21.55	252	287192	18.347	ng		97
83) Chrysene	21.70	228	727093	21.699	ng		91
84) Bis(2-ethylhexyl)phthalate	21.57	149	454611	20.090	ng	#	93
85) Di-n-octyl phthalate	22.78	149	775814	19.753	ng		97
86) Indeno(1,2,3-cd)pyrene	28.49	276	879984	19.332	ng	#	86
88) Benzo(b)fluoranthene	23.84	252	792508	20.992	ng		96
89) Benzo(k)fluoranthene	23.90	252	738681	20.531	ng		96
90) Benzo(a)pyrene	24.70	252	739513	20.440	ng		97
91) Dibenzo(a,h)anthracene	28.57	278	706226	20.101	ng		98
92) Benzo(g,h,i)perylene	29.63	276	697564	19.905	ng		100

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

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