Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042966.D
Acq On : 1 Oct 2019 7:02
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 01 08:24:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	72949	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	293617	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	211135	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	484200	20.00	ng		0.00
76) Chrysene-d12	21.71	240	503803	20.00	ng		0.00
87) Perylene-d12	24.93	264	579621	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	335847	82.16	ng		0.00
7) Phenol-d6	7.24	99	480365	81.61	ng		0.00
23) Nitrobenzene-d5	9.23	82	476548	78.89	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	290478	80.01	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1153392	79.19	ng		0.00
79) Terphenyl-d14	20.04	244	1997052	84.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	69360	40.698	ng		94
3) Pyridine	3.96	79	190748	39.794	ng		99
4) n-Nitrosodimethylamine	3.87	42	95445	41.406	ng	#	88
6) Aniline	7.40	93	277798	39.095	ng		98
8) 2-Chlorophenol	7.64	128	170950	40.102	ng		100
9) Benzaldehyde	7.21	77	136951	38.073	ng		95
10) Phenol	7.27	94	220776	40.880	ng		98
11) bis(2-Chloroethyl)ether	7.49	93	161966	38.761	ng		97
12) 1,3-Dichlorobenzene	7.96	146	217599	40.014	ng		99
13) 1,4-Dichlorobenzene	8.11	146	220298	40.637	ng		95
14) 1,2-Dichlorobenzene	8.43	146	204105	39.547	ng		95
15) Benzyl Alcohol	8.31	79	180528	40.791	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	293396	36.561	ng		97
17) 2-Methylphenol	8.52	107	149108	39.458	ng		95
18) Hexachloroethane	9.16	117	79164	38.774	ng		98
19) n-Nitroso-di-n-propylamine	8.88	70	153569	39.731	ng	#	97
20) 3+4-Methylphenols	8.85	107	212394	41.014	ng		98
22) Acetophenone	8.89	105	298351	39.420	ng	#	98
24) Nitrobenzene	9.27	77	231201	40.125	ng		99
25) Isophorone	9.80	82	413151	38.936	ng		98
26) 2-Nitrophenol	9.99	139	103480	42.187	ng		97
27) 2,4-Dimethylphenol	10.04	122	148451	39.409	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	232980	38.699	ng		99
29) 2,4-Dichlorophenol	10.52	162	192063	40.996	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	241702	39.950	ng		96
31) Naphthalene	10.93	128	568450	39.329	ng		100
32) Benzoic acid	10.20	122	125430	43.632	ng		98
33) 4-Chloroaniline	11.03	127	250170	39.888	ng		97
34) Hexachlorobutadiene	11.21	225	181312	40.025	ng		98
35) Caprolactam	11.81	113	63002	38.133	ng		95
36) 4-Chloro-3-methylphenol	12.15	107	203460	39.942	ng		96
37) 2-Methylnaphthalene	12.52	142	435799	39.523	ng		95
38) 1-Methylnaphthalene	12.74	142	406370	38.949	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	309052	38.931	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	189293	37.424	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	186544	40.148	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	193620	40.451	ng		99
46) 1,1'-Biphenyl	13.53	154	613458	38.314	ng		99
47) 2-Chloronaphthalene	13.57	162	467400	38.936	ng		97
48) 2-Nitroaniline	13.77	65	158630	39.737	ng		98
49) Acenaphthylene	14.41	152	723236	39.373	ng		100
50) Dimethylphthalate	14.15	163	602334	38.075	ng		99
51) 2,6-Dinitrotoluene	14.26	165	134521	39.930	ng		98
52) Acenaphthene	14.76	154	489797	39.837	ng		99
53) 3-Nitroaniline	14.59	138	134837	38.729	ng		98
54) 2,4-Dinitrophenol	14.79	184	80930	38.648	ng		95
55) Dibenzofuran	15.09	168	701389	38.564	ng		99
56) 4-Nitrophenol	14.90	139	100101	37.735	ng		95
57) 2,4-Dinitrotoluene	15.04	165	191990	38.916	ng		98
58) Fluorene	15.74	166	598088	38.517	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	199716	39.187	ng		99
60) Diethylphthalate	15.50	149	606804	37.691	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	352001	37.798	ng		98
62) 4-Nitroaniline	15.76	138	146419	38.561	ng		95
63) Azobenzene	16.02	77	547779	37.372	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	109091	39.815	ng		94
66) n-Nitrosodiphenylamine	15.94	169	523353	40.944	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	247548	40.734	ng		97
68) Hexachlorobenzene	16.74	284	278488	41.157	ng		99
69) Atrazine	16.89	200	209067	38.842	ng		93
70) Pentachlorophenol	17.08	266	163104	41.774	ng		100
71) Phenanthrene	17.48	178	930890	39.380	ng		96
72) Anthracene	17.57	178	933554	39.559	ng		99
73) Carbazole	17.84	167	859203	39.262	ng		99
74) Di-n-butylphthalate	18.39	149	1020900	39.100	ng		99
75) Fluoranthene	19.48	202	1202443	38.458	ng		99
77) Benzidine	19.66	184	482709	38.266	ng		98
78) Pyrene	19.84	202	1221022	40.606	ng		99
80) Butylbenzylphthalate	20.73	149	459393	40.249	ng		97
81) Benzo(a)anthracene	21.68	228	1260714	40.161	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	500403	40.643	ng		99
83) Chrysene	21.75	228	1207222	39.629	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	653935	40.264	ng		99
85) Di-n-octyl phthalate	22.81	149	1083917	40.813	ng		99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1529025	40.318	ng	#	97
88) Benzo(b)fluoranthene	23.91	252	1304961	39.790	ng		99
89) Benzo(k)fluoranthene	23.98	252	1275814	39.323	ng		100
90) Benzo(a)pyrene	24.77	252	1234417	39.894	ng		99
91) Dibenzo(a,h)anthracene	28.66	278	1267001	39.932	ng		98
92) Benzo(g,h,i)perylene	29.75	276	1224257	39.823	ng		98

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

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