Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043386.D
Acq On : 30 Oct 2019 00:06
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 30 06:25:58 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	8.02	152	47178	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	189884	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	136044	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	295172	20.00	ng		0.00
76) Chrysene-d12	21.67	240	323020	20.00	ng		0.00
87) Perylene-d12	24.86	264	385986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	222403	86.38	ng		0.00
7) Phenol-d6	7.21	99	316327	85.40	ng		0.00
23) Nitrobenzene-d5	9.19	82	308457	83.75	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	202871	78.36	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	807990	82.07	ng		0.00
79) Terphenyl-d14	20.00	244	1403135	81.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	40368	40.235	ng		95
3) Pyridine	3.89	79	111675	44.125	ng		98
4) n-Nitrosodimethylamine	3.81	42	53939	42.236	ng		82
6) Aniline	7.35	93	181197	42.463	ng		97
8) 2-Chlorophenol	7.60	128	121339	42.694	ng		97
9) Benzaldehyde	7.17	77	83694	45.975	ng		91
10) Phenol	7.24	94	145728	43.052	ng		94
11) bis(2-Chloroethyl)ether	7.44	93	103490	39.545	ng		95
12) 1,3-Dichlorobenzene	7.91	146	149558	42.001	ng		96
13) 1,4-Dichlorobenzene	8.06	146	149736	41.562	ng		98
14) 1,2-Dichlorobenzene	8.38	146	144507	41.080	ng		95
15) Benzyl Alcohol	8.27	79	108679	41.776	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	158379	41.620	ng		98
17) 2-Methylphenol	8.48	107	104170	42.215	ng		93
18) Hexachloroethane	9.11	117	55080	42.375	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	96581	40.350	ng		99
20) 3+4-Methylphenols	8.81	107	140444	41.506	ng		90
22) Acetophenone	8.85	105	199101	40.944	ng	#	98
24) Nitrobenzene	9.23	77	146561	41.772	ng		99
25) Isophorone	9.75	82	265067	39.363	ng		98
26) 2-Nitrophenol	9.94	139	72054	42.537	ng		95
27) 2,4-Dimethylphenol	10.01	122	99667	41.052	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	150600	40.522	ng		93
29) 2,4-Dichlorophenol	10.49	162	132614	42.631	ng		87
30) 1,2,4-Trichlorobenzene	10.69	180	163837	41.788	ng		96
31) Naphthalene	10.88	128	398394	41.334	ng		98
32) Benzoic acid	10.18	122	67091	38.417	ng		94
33) 4-Chloroaniline	11.00	127	163158	41.296	ng		99
34) Hexachlorobutadiene	11.17	225	122650	42.319	ng		93
35) Caprolactam	11.77	113	44308	41.357	ng	#	86
36) 4-Chloro-3-methylphenol	12.13	107	137204	40.436	ng		99
37) 2-Methylnaphthalene	12.48	142	305299	41.282	ng		99
38) 1-Methylnaphthalene	12.70	142	286458	40.710	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	211168	41.942	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	74160	28.040	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	122564	41.336	ng		94
44) 2,4,5-Trichlorophenol	13.18	196	125641	41.914	ng		97
46) 1,1'-Biphenyl	13.49	154	426025	41.164	ng		98
47) 2-Chloronaphthalene	13.53	162	327337	41.569	ng		99
48) 2-Nitroaniline	13.73	65	101888	43.291	ng		97
49) Acenaphthylene	14.37	152	499109	40.725	ng		97
50) Dimethylphthalate	14.10	163	415726	39.452	ng		100
51) 2,6-Dinitrotoluene	14.22	165	91592	40.009	ng		96
52) Acenaphthene	14.72	154	302850	40.521	ng		98
53) 3-Nitroaniline	14.56	138	88805	40.179	ng		96
54) 2,4-Dinitrophenol	14.77	184	31398	27.247	ng		96
55) Dibenzofuran	15.05	168	490016	40.430	ng		99
56) 4-Nitrophenol	14.89	139	57271	38.667	ng		93
57) 2,4-Dinitrotoluene	15.02	165	130951	40.026	ng		98
58) Fluorene	15.70	166	404587	39.800	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	124534	39.103	ng	#	98
60) Diethylphthalate	15.46	149	411494	38.864	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	240537	40.561	ng		96
62) 4-Nitroaniline	15.73	138	94762	41.515	ng		98
63) Azobenzene	15.98	77	339386	39.606	ng		95
65) 4,6-Dinitro-2-methylphenol	15.78	198	49119	28.277	ng		94
66) n-Nitrosodiphenylamine	15.90	169	351170	42.140	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	165681	41.709	ng		97
68) Hexachlorobenzene	16.71	284	191905	42.087	ng		96
69) Atrazine	16.85	200	110248	38.073	ng		96
70) Pentachlorophenol	17.05	266	85430	41.117	ng		93
71) Phenanthrene	17.44	178	632081	41.818	ng		97
72) Anthracene	17.53	178	637344	42.144	ng		99
73) Carbazole	17.81	167	572597	41.811	ng		98
74) Di-n-butylphthalate	18.35	149	685236	41.238	ng		99
75) Fluoranthene	19.45	202	798287	40.511	ng		99
77) Benzidine	19.63	184	252180	38.792	ng		99
78) Pyrene	19.81	202	814077	40.715	ng		100
80) Butylbenzylphthalate	20.69	149	316087	41.727	ng		98
81) Benzo(a)anthracene	21.64	228	849666	41.993	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	330412	42.220	ng		99
83) Chrysene	21.71	228	829889	41.280	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	459436	42.696	ng		99
85) Di-n-octyl phthalate	22.75	149	776806	42.550	ng		99
86) Indeno(1,2,3-cd)pyrene	28.51	276	1086359	43.049	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	910268	41.639	ng		98
89) Benzo(k)fluoranthene	23.92	252	885886	40.254	ng		98
90) Benzo(a)pyrene	24.71	252	862065	41.295	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	900570	42.176	ng		99
92) Benzo(g,h,i)perylene	29.65	276	881443	41.849	ng		97

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

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