Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
Data File : BG039905.D
Acq On : 13 Mar 2019 16:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 14 04:18:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45605	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	199365	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	127703	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	301271	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	317016	20.00	ng		-0.02
87) Perylene-d12	25.17	264	333937	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	216661	81.05	ng		-0.02
7) Phenol-d6	7.29	99	306600	76.92	ng		-0.02
23) Nitrobenzene-d5	9.33	82	304711	82.66	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	124988	83.97	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	712565	79.45	ng		-0.02
79) Terphenyl-d14	20.11	244	1122346	77.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	47143	38.199	ng		97
3) Pyridine	3.99	79	131707	39.863	ng		97
4) n-Nitrosodimethylamine	3.91	42	68363	43.615	ng		96
6) Aniline	7.48	93	197299	37.782	ng		98
8) 2-Chlorophenol	7.70	128	125234	38.616	ng		99
9) Benzaldehyde	7.29	77	92537	35.991	ng		97
10) Phenol	7.32	94	165944	38.431	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	130383	38.728	ng		100
12) 1,3-Dichlorobenzene	8.03	146	146357	39.903	ng		97
13) 1,4-Dichlorobenzene	8.18	146	148739	39.812	ng		97
14) 1,2-Dichlorobenzene	8.50	146	138936	38.490	ng		99
15) Benzyl Alcohol	8.39	79	121964	38.574	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	263090	39.073	ng		99
17) 2-Methylphenol	8.58	107	104846	38.080	ng		97
18) Hexachloroethane	9.23	117	54163	40.404	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	105363	36.725	ng		96
20) 3+4-Methylphenols	8.91	107	147040	38.442	ng		97
22) Acetophenone	8.98	105	208299	38.928	ng	#	96
24) Nitrobenzene	9.37	77	158029	40.865	ng		95
25) Isophorone	9.88	82	301220	38.999	ng		98
26) 2-Nitrophenol	10.08	139	79005	42.314	ng		95
27) 2,4-Dimethylphenol	10.12	122	115029	39.613	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	181501	38.669	ng		96
29) 2,4-Dichlorophenol	10.61	162	132038	40.386	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	146318	39.771	ng		99
31) Naphthalene	11.02	128	407667	38.621	ng		99
32) Benzoic acid	10.25	122	72030	37.759	ng		97
33) 4-Chloroaniline	11.13	127	174736	39.039	ng		97
34) Hexachlorobutadiene	11.28	225	102619	40.819	ng		93
35) Caprolactam	11.92	113	49654	39.758	ng		91
36) 4-Chloro-3-methylphenol	12.23	107	145894	38.928	ng		99
37) 2-Methylnaphthalene	12.61	142	302003	38.269	ng		97
38) 1-Methylnaphthalene	12.83	142	293534	38.275	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	176513	40.800	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	100040	43.149	ng		97
43) 2,4,6-Trichlorophenol	13.21	196	109553	43.253	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	117387	41.117	ng		98
46) 1,1'-Biphenyl	13.61	154	414478	39.461	ng		99
47) 2-Chloronaphthalene	13.66	162	311594	39.434	ng		98
48) 2-Nitroaniline	13.87	65	109035	42.938	ng		95
49) Acenaphthylene	14.50	152	512312	39.496	ng		99
50) Dimethylphthalate	14.22	163	413639	38.736	ng		99
51) 2,6-Dinitrotoluene	14.35	165	92546	40.881	ng		97
52) Acenaphthene	14.84	154	302738	38.777	ng		99
53) 3-Nitroaniline	14.69	138	91677	40.287	ng	#	94
54) 2,4-Dinitrophenol	14.89	184	72203	52.509	ng		99
55) Dibenzofuran	15.17	168	494052	38.570	ng		97
56) 4-Nitrophenol	14.98	139	81544	40.058	ng		95
57) 2,4-Dinitrotoluene	15.14	165	134547	42.299	ng		89
58) Fluorene	15.82	166	390264	38.756	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	116127	41.649	ng		99
60) Diethylphthalate	15.57	149	417654	39.510	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	207546	38.625	ng		96
62) 4-Nitroaniline	15.85	138	102101	41.387	ng		100
63) Azobenzene	16.10	77	380468	39.706	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	76396	42.887	ng		95
66) n-Nitrosodiphenylamine	16.02	169	354908	40.692	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	136517	40.483	ng		97
68) Hexachlorobenzene	16.82	284	140190	40.105	ng		95
69) Atrazine	16.96	200	141875	41.332	ng		95
70) Pentachlorophenol	17.16	266	93386	42.302	ng		99
71) Phenanthrene	17.56	178	649142	39.118	ng		98
72) Anthracene	17.66	178	645348	39.908	ng		100
73) Carbazole	17.93	167	590137	40.480	ng		99
74) Di-n-butylphthalate	18.45	149	722819	42.141	ng		99
75) Fluoranthene	19.56	202	797382	40.659	ng		98
77) Benzidine	19.74	184	463252	46.050	ng		99
78) Pyrene	19.92	202	801475	38.907	ng		99
80) Butylbenzylphthalate	20.79	149	341108	42.740	ng		97
81) Benzo(a)anthracene	21.79	228	791418	39.833	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	300247	41.392	ng		98
83) Chrysene	21.86	228	755103	39.202	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	480808	42.871	ng		100
85) Di-n-octyl phthalate	22.90	149	814974	43.887	ng		97
86) Indeno(1,2,3-cd)pyrene	29.04	276	895397	40.976	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	793514	39.848	ng		98
89) Benzo(k)fluoranthene	24.16	252	720197	38.853	ng		99
90) Benzo(a)pyrene	25.02	252	744392	40.454	ng		98
91) Dibenzo(a,h)anthracene	29.11	278	706399	39.158	ng		98
92) Benzo(g,h,i)perylene	30.27	276	720961	39.793	ng		98

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

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