Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039855.D
Acq On : 12 Mar 2019 1:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 12 01:42:32 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	8.15	152	42243	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	193443	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	132966	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	323881	20.00	ng		0.00
76) Chrysene-d12	21.82	240	336903	20.00	ng		0.00
87) Perylene-d12	25.18	264	346869	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	210213	84.90	ng		-0.02
7) Phenol-d6	7.30	99	300689	81.44	ng		-0.02
23) Nitrobenzene-d5	9.33	82	289502	80.94	ng		-0.02
42) 2,4,6-Tribromophenol	16.27	330	129584	83.61	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	713971	76.45	ng		0.00
79) Terphenyl-d14	20.12	244	1155204	75.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	46864	40.995	ng		93
3) Pyridine	4.00	79	132313	43.233	ng		94
4) n-Nitrosodimethylamine	3.91	42	59905	41.261	ng		87
6) Aniline	7.48	93	189805	39.239	ng		98
8) 2-Chlorophenol	7.71	128	120626	40.155	ng		96
9) Benzaldehyde	7.30	77	90477	37.990	ng		99
10) Phenol	7.33	94	163445	40.864	ng		96
11) bis(2-Chloroethyl)ether	7.57	93	120646	38.688	ng		98
12) 1,3-Dichlorobenzene	8.04	146	134035	39.451	ng		97
13) 1,4-Dichlorobenzene	8.19	146	135469	39.146	ng		97
14) 1,2-Dichlorobenzene	8.51	146	128347	38.386	ng		97
15) Benzyl Alcohol	8.40	79	120081	41.001	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	240867	38.620	ng		99
17) 2-Methylphenol	8.58	107	103481	40.575	ng		98
18) Hexachloroethane	9.24	117	47812	38.505	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	102335	38.509	ng		94
20) 3+4-Methylphenols	8.91	107	142391	40.189	ng		95
22) Acetophenone	8.98	105	201556	38.821	ng	#	95
24) Nitrobenzene	9.38	77	150439	40.093	ng		94
25) Isophorone	9.89	82	293759	39.197	ng		99
26) 2-Nitrophenol	10.08	139	76386	42.164	ng		96
27) 2,4-Dimethylphenol	10.12	122	116354	41.296	ng		96
28) bis(2-Chloroethoxy)methane	10.37	93	173716	38.143	ng		97
29) 2,4-Dichlorophenol	10.62	162	131233	41.368	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	140234	39.285	ng		99
31) Naphthalene	11.03	128	400484	39.102	ng		100
32) Benzoic acid	10.26	122	70212	37.902	ng		99
33) 4-Chloroaniline	11.14	127	178519	41.105	ng		98
34) Hexachlorobutadiene	11.29	225	94868	38.891	ng		97
35) Caprolactam	11.93	113	50393	41.585	ng		94
36) 4-Chloro-3-methylphenol	12.24	107	151652	41.703	ng		98
37) 2-Methylnaphthalene	12.62	142	305071	39.841	ng		99
38) 1-Methylnaphthalene	12.84	142	291962	39.235	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	174099	38.650	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	85231	35.307 ng		98
43) 2,4,6-Trichlorophenol	13.21	196	109761	41.620 ng		94
44) 2,4,5-Trichlorophenol	13.29	196	121769	40.964 ng		99
46) 1,1'-Biphenyl	13.62	154	426471	38.996 ng		98
47) 2-Chloronaphthalene	13.67	162	321376	39.062 ng		97
48) 2-Nitroaniline	13.87	65	113455	42.911 ng		98
49) Acenaphthylene	14.51	152	534668	39.588 ng		99
50) Dimethylphthalate	14.23	163	430881	38.754 ng		99
51) 2,6-Dinitrotoluene	14.36	165	98091	41.616 ng		97
52) Acenaphthene	14.85	154	318182	39.142 ng		98
53) 3-Nitroaniline	14.69	138	96686	40.807 ng	#	96
54) 2,4-Dinitrophenol	14.89	184	43167	32.388 ng		98
55) Dibenzofuran	15.17	168	518875	38.905 ng		97
56) 4-Nitrophenol	14.98	139	83181	39.245 ng		92
57) 2,4-Dinitrotoluene	15.14	165	139678	42.174 ng	#	89
58) Fluorene	15.83	166	414073	39.493 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	120782	41.604 ng		96
60) Diethylphthalate	15.57	149	436291	39.639 ng		100
61) 4-Chlorophenyl-phenylether	15.81	204	217102	38.804 ng		99
62) 4-Nitroaniline	15.86	138	108997	42.434 ng		93
63) Azobenzene	16.10	77	396462	39.737 ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	74156	38.724 ng		97
66) n-Nitrosodiphenylamine	16.03	169	374664	39.958 ng		98
67) 4-Bromophenyl-phenylether	16.70	248	145316	40.084 ng		96
68) Hexachlorobenzene	16.82	284	148150	39.424 ng		94
69) Atrazine	16.97	200	147372	39.936 ng		98
70) Pentachlorophenol	17.17	266	91446	38.531 ng		99
71) Phenanthrene	17.57	178	692842	38.837 ng		100
72) Anthracene	17.66	178	690496	39.719 ng		99
73) Carbazole	17.93	167	625043	39.882 ng		99
74) Di-n-butylphthalate	18.46	149	748651	40.600 ng		100
75) Fluoranthene	19.57	202	840923	39.886 ng		99
77) Benzidine	19.75	184	437722	40.943 ng		99
78) Pyrene	19.93	202	843680	38.538 ng		100
80) Butylbenzylphthalate	20.80	149	347241	40.941 ng		97
81) Benzo(a)anthracene	21.80	228	816148	38.653 ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	306132	39.712 ng		99
83) Chrysene	21.87	228	792707	38.725 ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	486253	40.798 ng		100
85) Di-n-octyl phthalate	22.91	149	814433	41.269 ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	906108	39.019 ng	#	96
88) Benzo(b)fluoranthene	24.10	252	809681	39.144 ng		99
89) Benzo(k)fluoranthene	24.17	252	752625	39.089 ng		99
90) Benzo(a)pyrene	25.03	252	767585	40.159 ng		99
91) Dibenzo(a,h)anthracene	29.13	278	727283	38.813 ng		99
92) Benzo(g,h,i)perylene	30.29	276	731046	38.846 ng		99

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

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