Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039730.D
Acq On : 4 Mar 2019 14:16
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG030419

Quant Time: Mar 04 14:52:49 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	8.16	152	42523	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	195820	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	133515	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	320460	20.00	ng		0.00
76) Chrysene-d12	21.82	240	322738	20.00	ng		0.00
87) Perylene-d12	25.19	264	330246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	202246	81.14	ng		-0.01
7) Phenol-d6	7.30	99	299182	80.50	ng		-0.01
23) Nitrobenzene-d5	9.34	82	295877	81.72	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	128161	82.35	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	735849	78.47	ng		0.00
79) Terphenyl-d14	20.12	244	1157105	78.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	44987	39.094	ng		92
3) Pyridine	3.99	79	131343	42.634	ng		94
4) n-Nitrosodimethylamine	3.92	42	60976	41.722	ng		84
6) Aniline	7.48	93	191605	39.351	ng		99
8) 2-Chlorophenol	7.72	128	119159	39.405	ng		99
9) Benzaldehyde	7.30	77	97651	40.732	ng		96
10) Phenol	7.33	94	159981	39.735	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	126040	40.152	ng		98
12) 1,3-Dichlorobenzene	8.05	146	136864	40.019	ng		98
13) 1,4-Dichlorobenzene	8.19	146	136206	39.100	ng		98
14) 1,2-Dichlorobenzene	8.52	146	133168	39.565	ng		99
15) Benzyl Alcohol	8.39	79	118853	40.315	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	241516	38.469	ng		98
17) 2-Methylphenol	8.59	107	105524	41.104	ng		98
18) Hexachloroethane	9.24	117	48404	38.725	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	105269	39.352	ng		93
20) 3+4-Methylphenols	8.92	107	145045	40.669	ng		98
22) Acetophenone	8.99	105	211414	40.225	ng	#	93
24) Nitrobenzene	9.38	77	154809	40.757	ng		97
25) Isophorone	9.89	82	308493	40.664	ng		98
26) 2-Nitrophenol	10.08	139	74270	40.498	ng		91
27) 2,4-Dimethylphenol	10.13	122	117906	41.338	ng		99
28) bis(2-Chloroethoxy)methane	10.37	93	183256	39.749	ng		98
29) 2,4-Dichlorophenol	10.62	162	134087	41.755	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	143276	39.650	ng		96
31) Naphthalene	11.03	128	410871	39.629	ng		100
32) Benzoic acid	10.26	122	76105	40.118	ng		98
33) 4-Chloroaniline	11.14	127	179055	40.728	ng		97
34) Hexachlorobutadiene	11.30	225	97746	39.585	ng		97
35) Caprolactam	11.92	113	49802	40.598	ng	#	91
36) 4-Chloro-3-methylphenol	12.24	107	149976	40.741	ng		98
37) 2-Methylnaphthalene	12.62	142	308130	39.752	ng		97
38) 1-Methylnaphthalene	12.84	142	299298	39.733	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	179300	39.641	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	97047	40.036	ng		95
43) 2,4,6-Trichlorophenol	13.22	196	110019	41.546	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	122579	41.067	ng		98
46) 1,1'-Biphenyl	13.62	154	434536	39.570	ng		99
47) 2-Chloronaphthalene	13.67	162	321859	38.960	ng		99
48) 2-Nitroaniline	13.87	65	112666	42.437	ng		98
49) Acenaphthylene	14.51	152	540439	39.850	ng		100
50) Dimethylphthalate	14.23	163	440278	39.436	ng		99
51) 2,6-Dinitrotoluene	14.36	165	97365	41.138	ng		96
52) Acenaphthene	14.85	154	321988	39.448	ng		98
53) 3-Nitroaniline	14.70	138	96338	40.493	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	54130	39.139	ng		93
55) Dibenzofuran	15.18	168	529842	39.564	ng		99
56) 4-Nitrophenol	14.98	139	85450	40.149	ng		91
57) 2,4-Dinitrotoluene	15.14	165	137145	41.239	ng		89
58) Fluorene	15.83	166	415637	39.479	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	122481	42.016	ng		94
60) Diethylphthalate	15.58	149	438677	39.692	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	221309	39.393	ng		97
62) 4-Nitroaniline	15.86	138	105410	40.868	ng		94
63) Azobenzene	16.11	77	395585	39.486	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	78674	41.522	ng		93
66) n-Nitrosodiphenylamine	16.03	169	373468	40.256	ng		97
67) 4-Bromophenyl-phenylether	16.71	248	145747	40.632	ng		93
68) Hexachlorobenzene	16.82	284	149217	40.132	ng		94
69) Atrazine	16.97	200	152776	41.842	ng		97
70) Pentachlorophenol	17.17	266	98728	42.044	ng		97
71) Phenanthrene	17.57	178	692075	39.208	ng		100
72) Anthracene	17.66	178	691409	40.196	ng		100
73) Carbazole	17.93	167	618470	39.884	ng		99
74) Di-n-butylphthalate	18.46	149	747723	40.982	ng		99
75) Fluoranthene	19.57	202	829042	39.742	ng		98
77) Benzidine	19.75	184	425928	41.589	ng		97
78) Pyrene	19.94	202	833409	39.740	ng		99
80) Butylbenzylphthalate	20.80	149	333405	41.035	ng		97
81) Benzo(a)anthracene	21.80	228	807699	39.932	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	295544	40.021	ng		99
83) Chrysene	21.87	228	767148	39.121	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	464234	40.660	ng		99
85) Di-n-octyl phthalate	22.92	149	788006	41.683	ng		95
86) Indeno(1,2,3-cd)pyrene	29.08	276	903750	40.625	ng		97
88) Benzo(b)fluoranthene	24.11	252	790425	40.137	ng		99
89) Benzo(k)fluoranthene	24.18	252	743354	40.551	ng		99
90) Benzo(a)pyrene	25.04	252	740515	40.693	ng		98
91) Dibenzo(a,h)anthracene	29.14	278	718772	40.289	ng		98
92) Benzo(g,h,i)perylene	30.30	276	725047	40.466	ng		99

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

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