Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
Data File : BG040378.D
Acq On : 5 Apr 2019 15:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 05 17:09:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	62196	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	256429	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	159369	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	387974	20.00	ng		-0.03
76) Chrysene-d12	21.69	240	396011	20.00	ng		-0.04
87) Perylene-d12	24.97	264	408008	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	307346	82.15	ng		-0.02
7) Phenol-d6	7.20	99	415157	80.29	ng		-0.02
23) Nitrobenzene-d5	9.23	82	384679	79.74	ng		-0.02
42) 2,4,6-Tribromophenol	16.16	330	153000	88.83	ng		-0.03
45) 2-Fluorobiphenyl	13.30	172	852711	79.28	ng		-0.03
79) Terphenyl-d14	20.02	244	1332290	75.68	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	70229	39.920	ng		98
3) Pyridine	3.90	79	195117	41.193	ng		99
4) n-Nitrosodimethylamine	3.83	42	82512	37.659	ng	#	94
6) Aniline	7.37	93	258774	38.521	ng		98
8) 2-Chlorophenol	7.61	128	174130	39.760	ng		97
9) Benzaldehyde	7.19	77	126421	35.644	ng		95
10) Phenol	7.23	94	221766	39.515	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	175707	39.089	ng		99
12) 1,3-Dichlorobenzene	7.93	146	187550	39.394	ng		93
13) 1,4-Dichlorobenzene	8.08	146	192973	40.697	ng		99
14) 1,2-Dichlorobenzene	8.40	146	181244	39.970	ng		99
15) Benzyl Alcohol	8.29	79	153448	36.850	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	321096	37.220	ng		98
17) 2-Methylphenol	8.48	107	145806	37.545	ng		95
18) Hexachloroethane	9.12	117	69619	38.599	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	134031	36.155	ng		98
20) 3+4-Methylphenols	8.81	107	201953	38.387	ng		98
22) Acetophenone	8.88	105	249525	39.009	ng	#	98
24) Nitrobenzene	9.27	77	198492	39.732	ng		99
25) Isophorone	9.78	82	375779	37.857	ng	#	98
26) 2-Nitrophenol	9.97	139	98370	41.556	ng		97
27) 2,4-Dimethylphenol	10.02	122	150116	39.924	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	232368	39.567	ng		100
29) 2,4-Dichlorophenol	10.51	162	165066	40.444	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	184073	41.074	ng		96
31) Naphthalene	10.91	128	536807	40.841	ng		97
32) Benzoic acid	10.15	122	67882	29.880	ng	#	82
33) 4-Chloroaniline	11.02	127	224958	40.124	ng		96
34) Hexachlorobutadiene	11.17	225	115796	40.402	ng		96
35) Caprolactam	11.81	113	62075	38.326	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	190411	40.582	ng		98
37) 2-Methylnaphthalene	12.51	142	381877	39.284	ng		98
38) 1-Methylnaphthalene	12.73	142	377120	40.007	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	202602	39.998	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	118838	42.729 ng	96
43) 2,4,6-Trichlorophenol	13.11	196	130258	39.886 ng	98
44) 2,4,5-Trichlorophenol	13.19	196	145696	40.930 ng	99
46) 1,1'-Biphenyl	13.51	154	492523	39.113 ng	100
47) 2-Chloronaphthalene	13.56	162	383248	39.678 ng	99
48) 2-Nitroaniline	13.77	65	129891	39.867 ng	99
49) Acenaphthylene	14.40	152	644764	39.371 ng	99
50) Dimethylphthalate	14.13	163	490739	39.345 ng	98
51) 2,6-Dinitrotoluene	14.26	165	113721	40.606 ng	97
52) Acenaphthene	14.74	154	369751	39.402 ng	99
53) 3-Nitroaniline	14.60	138	122371	41.279 ng	97
54) 2,4-Dinitrophenol	14.80	184	49518	33.246 ng	90
55) Dibenzofuran	15.08	168	608532	40.357 ng	98
56) 4-Nitrophenol	14.90	139	94983	39.698 ng	98
57) 2,4-Dinitrotoluene	15.04	165	163563	42.031 ng	97
58) Fluorene	15.72	166	481851	40.644 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	134568	41.660 ng	98
60) Diethylphthalate	15.48	149	509577	39.925 ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	254793	40.207 ng	96
62) 4-Nitroaniline	15.76	138	132161	41.541 ng	98
63) Azobenzene	16.00	77	480633	39.922 ng	100
65) 4,6-Dinitro-2-methylphenol	15.80	198	86064	39.484 ng	99
66) n-Nitrosodiphenylamine	15.93	169	437237	38.512 ng	97
67) 4-Bromophenyl-phenylether	16.60	248	170762	39.111 ng	99
68) Hexachlorobenzene	16.72	284	173600	39.546 ng	97
69) Atrazine	16.87	200	166024	39.311 ng	97
70) Pentachlorophenol	17.06	266	89722	35.352 ng	94
71) Phenanthrene	17.46	178	817251	40.076 ng	99
72) Anthracene	17.56	178	816335	39.994 ng	99
73) Carbazole	17.83	167	796176	41.216 ng	99
74) Di-n-butylphthalate	18.36	149	928934	40.569 ng	99
75) Fluoranthene	19.47	202	1002425	41.513 ng	99
77) Benzidine	19.65	184	536377	37.508 ng	100
78) Pyrene	19.84	202	1014086	38.940 ng	100
80) Butylbenzylphthalate	20.70	149	440394	39.519 ng	95
81) Benzo(a)anthracene	21.68	228	955632	39.178 ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	367557	39.612 ng	98
83) Chrysene	21.74	228	930858	39.708 ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	625038	39.237 ng	99
85) Di-n-octyl phthalate	22.76	149	1060395	39.071 ng	98
86) Indeno(1,2,3-cd)pyrene	28.72	276	1118296	39.004 ng	99
88) Benzo(b)fluoranthene	23.93	252	978615	39.176 ng	98
89) Benzo(k)fluoranthene	23.99	252	922008	40.137 ng	98
90) Benzo(a)pyrene	24.81	252	925317	39.480 ng	99
91) Dibenzo(a,h)anthracene	28.79	278	891926	40.975 ng	97
92) Benzo(g,h,i)perylene	29.91	276	899868	40.225 ng	99

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

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