Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040018.D
Acq On : 20 Mar 2019 1:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 20 01:57:37 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	35915	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	164170	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	113819	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	283959	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	266613	20.00	ng		-0.02
87) Perylene-d12	25.16	264	275556	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	164684	78.23	ng		-0.02
7) Phenol-d6	7.29	99	245195	78.11	ng		-0.02
23) Nitrobenzene-d5	9.32	82	249530	82.20	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	106248	80.09	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	599020	74.93	ng		-0.02
79) Terphenyl-d14	20.11	244	967014	79.86	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	34413	35.407	ng		96
3) Pyridine	3.98	79	100054	38.453	ng		98
4) n-Nitrosodimethylamine	3.90	42	49019	39.712	ng	#	95
6) Aniline	7.47	93	159613	38.812	ng		98
8) 2-Chlorophenol	7.70	128	95900	37.549	ng		98
9) Benzaldehyde	7.29	77	67098	33.137	ng		99
10) Phenol	7.32	94	130884	38.489	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	101623	38.330	ng		98
12) 1,3-Dichlorobenzene	8.03	146	110096	38.115	ng		94
13) 1,4-Dichlorobenzene	8.18	146	109496	37.215	ng		99
14) 1,2-Dichlorobenzene	8.50	146	105431	37.088	ng		99
15) Benzyl Alcohol	8.38	79	99105	39.801	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	207730	39.175	ng		99
17) 2-Methylphenol	8.58	107	81042	37.376	ng		99
18) Hexachloroethane	9.23	117	39138	37.073	ng		96
19) n-Nitroso-di-n-propylamine	8.94	70	87108	38.554	ng		95
20) 3+4-Methylphenols	8.91	107	118709	39.409	ng		98
22) Acetophenone	8.97	105	168128	38.157	ng	#	97
24) Nitrobenzene	9.37	77	127385	40.003	ng		96
25) Isophorone	9.88	82	253090	39.792	ng		97
26) 2-Nitrophenol	10.07	139	63622	41.380	ng	#	88
27) 2,4-Dimethylphenol	10.12	122	91968	38.461	ng		95
28) bis(2-Chloroethoxy)methane	10.36	93	148826	38.505	ng		98
29) 2,4-Dichlorophenol	10.61	162	107596	39.965	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	113801	37.564	ng		95
31) Naphthalene	11.02	128	329550	37.914	ng		99
32) Benzoic acid	10.25	122	60467	38.365	ng		91
33) 4-Chloroaniline	11.13	127	146180	39.660	ng		98
34) Hexachlorobutadiene	11.28	225	77133	37.259	ng		98
35) Caprolactam	11.92	113	41370	40.226	ng		99
36) 4-Chloro-3-methylphenol	12.23	107	125150	40.552	ng		99
37) 2-Methylnaphthalene	12.61	142	250573	38.559	ng		98
38) 1-Methylnaphthalene	12.83	142	247359	39.168	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	144038	37.355	ng		98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	78146	37.818 ng		100
43) 2,4,6-Trichlorophenol	13.21	196	89433	39.617 ng		99
44) 2,4,5-Trichlorophenol	13.28	196	97782	38.428 ng		97
46) 1,1'-Biphenyl	13.60	154	354596	37.878 ng		99
47) 2-Chloronaphthalene	13.66	162	264248	37.522 ng		99
48) 2-Nitroaniline	13.86	65	97032	42.873 ng		98
49) Acenaphthylene	14.50	152	453290	39.208 ng		99
50) Dimethylphthalate	14.22	163	365959	38.451 ng		99
51) 2,6-Dinitrotoluene	14.35	165	83874	41.570 ng		97
52) Acenaphthene	14.84	154	266680	38.325 ng		99
53) 3-Nitroaniline	14.68	138	80733	39.806 ng	#	95
54) 2,4-Dinitrophenol	14.89	184	49464	41.577 ng		95
55) Dibenzofuran	15.17	168	437700	38.339 ng		97
56) 4-Nitrophenol	14.98	139	69453	38.280 ng		95
57) 2,4-Dinitrotoluene	15.14	165	119816	42.263 ng		88
58) Fluorene	15.82	166	356584	39.731 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	102472	41.235 ng		99
60) Diethylphthalate	15.56	149	374136	39.711 ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	181441	37.885 ng		100
62) 4-Nitroaniline	15.85	138	91121	41.442 ng		98
63) Azobenzene	16.09	77	345867	40.498 ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	70127	41.768 ng		97
66) n-Nitrosodiphenylamine	16.02	169	315890	38.426 ng		99
67) 4-Bromophenyl-phenylether	16.69	248	117488	36.964 ng		97
68) Hexachlorobenzene	16.81	284	125334	38.041 ng		96
69) Atrazine	16.96	200	121043	37.413 ng		94
70) Pentachlorophenol	17.16	266	78602	37.776 ng		98
71) Phenanthrene	17.56	178	590690	37.766 ng		100
72) Anthracene	17.65	178	590822	38.763 ng		99
73) Carbazole	17.92	167	528011	38.427 ng		99
74) Di-n-butylphthalate	18.45	149	635249	39.293 ng		100
75) Fluoranthene	19.56	202	686469	37.137 ng		99
77) Benzidine	19.74	184	311736	36.846 ng		99
78) Pyrene	19.92	202	694281	40.075 ng		99
80) Butylbenzylphthalate	20.79	149	281948	42.006 ng		96
81) Benzo(a)anthracene	21.78	228	651749	39.005 ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	232707	38.145 ng		98
83) Chrysene	21.85	228	621083	38.340 ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	388289	41.167 ng		99
85) Di-n-octyl phthalate	22.90	149	659030	42.199 ng		96
86) Indeno(1,2,3-cd)pyrene	29.02	276	722993	39.342 ng	#	96
88) Benzo(b)fluoranthene	24.09	252	634446	38.611 ng		99
89) Benzo(k)fluoranthene	24.16	252	595872	38.957 ng		99
90) Benzo(a)pyrene	25.01	252	598428	39.412 ng		98
91) Dibenzo(a,h)anthracene	29.09	278	575353	38.651 ng		98
92) Benzo(g,h,i)perylene	30.25	276	583222	39.011 ng		95

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

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