Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036500.D
Acq On : 31 Aug 2018 10:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 31 11:09:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62141	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	276843	20.00	ng		-0.02
38) Acenaphthene-d10	14.69	164	180434	20.00	ng		-0.02
63) Phenanthrene-d10	17.43	188	471956	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	489907	20.00	ng		-0.02
86) Perylene-d12	24.90	264	522844	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	300893	76.81	ng		0.00
7) Phenol-d6	7.22	99	433787	77.34	ng		0.00
23) Nitrobenzene-d5	9.22	82	420831	82.48	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	185132	85.99	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	973999	77.07	ng		-0.02
78) Terphenyl-d14	20.03	244	1584493	75.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	65653	35.912	ng		96
3) Pyridine	3.93	79	194864	37.973	ng		95
4) n-Nitrosodimethylamine	3.85	42	79770	34.901	ng		93
6) Aniline	7.38	93	264731	37.185	ng		98
8) 2-Chlorophenol	7.62	128	158950	37.416	ng		97
9) Benzaldehyde	7.19	77	138747	35.923	ng		97
10) Phenol	7.24	94	228240	38.886	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	171332	36.820	ng		96
12) 1,3-Dichlorobenzene	7.95	146	181025	37.319	ng		98
13) 1,4-Dichlorobenzene	8.10	146	184786	37.731	ng		98
14) 1,2-Dichlorobenzene	8.42	146	175247	37.469	ng		100
15) Benzyl Alcohol	8.29	79	167440	37.033	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	315255	33.595	ng		98
17) 2-Methylphenol	8.50	107	144379	37.046	ng		96
18) Hexachloroethane	9.15	117	66713	37.993	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	146100	34.854	ng		94
20) 3+4-Methylphenols	8.82	107	210944	38.768	ng		99
22) Acetophenone	8.88	105	263768	36.283	ng	#	97
24) Nitrobenzene	9.26	77	212481	38.618	ng		99
25) Isophorone	9.79	82	356634	35.184	ng		98
26) 2-Nitrophenol	9.97	139	91309	41.879	ng		98
27) 2,4-Dimethylphenol	10.03	122	149125	36.943	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	224044	36.015	ng		99
29) 2,4-Dichlorophenol	10.51	162	181530	41.034	ng		92
30) 1,2,4-Trichlorobenzene	10.73	180	197882	38.236	ng		99
31) Naphthalene	10.92	128	514879	37.205	ng		99
32) Benzoic acid	10.16	122	101597	35.259	ng		98
33) 4-Chloroaniline	11.02	127	240919	37.990	ng		99
34) Hexachlorobutadiene	11.20	225	138072	39.708	ng		98
35) Caprolactam	11.79	113	66603	37.793	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	200243	38.955	ng		97
37) 2-Methylnaphthalene	12.52	142	385803	38.100	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	243175	38.083	ng		98
40) Hexachlorocyclopentadiene	12.86	237	125082	37.649	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	157558	40.507	ng		93
43) 2,4,5-Trichlorophenol	13.19	196	165834	39.972	ng		99
45) 1,1'-Biphenyl	13.52	154	545576	36.426	ng		98
46) 2-Chloronaphthalene	13.56	162	429436	37.558	ng		99
47) 2-Nitroaniline	13.76	65	144942	40.368	ng		96
48) Acenaphthylene	14.41	152	668275	37.397	ng		98
49) Dimethylphthalate	14.14	163	549640	37.306	ng		99
50) 2,6-Dinitrotoluene	14.26	165	122099	40.274	ng		91
51) Acenaphthene	14.75	154	419668	36.670	ng		98
52) 3-Nitroaniline	14.59	138	139476	42.691	ng		96
53) 2,4-Dinitrophenol	14.79	184	34305	29.873	ng		93
54) Dibenzofuran	15.08	168	673889	37.585	ng		99
55) 4-Nitrophenol	14.88	139	102814	38.489	ng		97
56) 2,4-Dinitrotoluene	15.04	165	172223	43.587	ng		93
57) Fluorene	15.73	166	505946	37.747	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	162801	41.766	ng		97
59) Diethylphthalate	15.50	149	552631	37.219	ng		99
60) 4-Chlorophenyl-phenylether	15.73	204	322168	38.925	ng		97
61) 4-Nitroaniline	15.75	138	144675	42.318	ng		95
62) Azobenzene	16.02	77	534759	35.397	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	79893	38.536	ng		94
65) n-Nitrosodiphenylamine	15.94	169	506365	36.108	ng		97
66) 4-Bromophenyl-phenylether	16.62	248	209364	37.889	ng		100
67) Hexachlorobenzene	16.73	284	213858	37.850	ng		98
68) Atrazine	16.88	200	187025	35.531	ng		97
69) Pentachlorophenol	17.07	266	152005	39.584	ng		96
70) Phenanthrene	17.47	178	883348	36.835	ng		99
71) Anthracene	17.56	178	877039	36.688	ng		98
72) Carbazole	17.83	167	878031	36.778	ng		99
73) Di-n-butylphthalate	18.39	149	970669	36.512	ng		100
74) Fluoranthene	19.47	202	1094569	37.436	ng		99
76) Benzidine	19.65	184	540334	34.570	ng		100
77) Pyrene	19.83	202	1106425	36.726	ng		99
79) Butylbenzylphthalate	20.72	149	443563	36.996	ng		97
80) Benzo(a)anthracene	21.68	228	1087560	36.644	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	444756	37.601	ng		99
82) Chrysene	21.74	228	1035335	36.803	ng		97
83) Bis(2-ethylhexyl)phthalate	21.59	149	608260	36.255	ng		99
84) Di-n-octyl phthalate	22.80	149	1029203	36.726	ng		97
85) Indeno(1,2,3-cd)pyrene	28.56	276	1216599	37.233	ng	#	95
87) Benzo(b)fluoranthene	23.89	252	1083151	37.307	ng		97
88) Benzo(k)fluoranthene	23.96	252	1055114	37.198	ng		99
89) Benzo(a)pyrene	24.76	252	1044581	37.441	ng		99
90) Dibenzo(a,h)anthracene	28.63	278	990436	36.773	ng		97
91) Benzo(g,h,i)perylene	29.70	276	990585	36.598	ng		97

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

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