Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
Data File : BG038838.D
Acq On : 26 Dec 2018 20:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Dec 27 00:17:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22069	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	102519	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	74415	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	191683	20.00	ng		0.00
76) Chrysene-d12	21.72	240	196654	20.00	ng		0.00
87) Perylene-d12	25.02	264	212009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	96311	77.40	ng		0.00
7) Phenol-d6	7.22	99	147003	86.06	ng		0.00
23) Nitrobenzene-d5	9.24	82	150686	75.09	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	96831	94.42	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	428048	78.91	ng		0.00
79) Terphenyl-d14	20.04	244	711278	78.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	18406	31.784	ng		97
3) Pyridine	3.90	79	53274	33.413	ng		93
4) n-Nitrosodimethylamine	3.82	42	26008	33.292	ng	#	92
6) Aniline	7.39	93	88832	40.739	ng		98
8) 2-Chlorophenol	7.62	128	59861	41.573	ng		93
9) Benzaldehyde	7.20	77	42145	38.034	ng		94
10) Phenol	7.24	94	77684	42.808	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	55668	38.529	ng		94
12) 1,3-Dichlorobenzene	7.94	146	66772	39.220	ng		97
13) 1,4-Dichlorobenzene	8.09	146	68768	39.439	ng		96
14) 1,2-Dichlorobenzene	8.41	146	65894	40.086	ng		94
15) Benzyl Alcohol	8.30	79	60906	45.682	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	118367	35.764	ng		97
17) 2-Methylphenol	8.50	107	52843	43.462	ng		96
18) Hexachloroethane	9.13	117	24114	37.846	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	51466	42.899	ng		97
20) 3+4-Methylphenols	8.83	107	78223	46.585	ng		98
22) Acetophenone	8.88	105	101032	39.455	ng	#	94
24) Nitrobenzene	9.28	77	74931	36.910	ng		99
25) Isophorone	9.79	82	132757	36.820	ng		97
26) 2-Nitrophenol	9.99	139	42170	40.586	ng		94
27) 2,4-Dimethylphenol	10.04	122	61173	41.080	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	77948	38.309	ng		97
29) 2,4-Dichlorophenol	10.52	162	75080	45.321	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	80956	40.457	ng		98
31) Naphthalene	10.92	128	200707	39.735	ng		99
32) Benzoic acid	10.19	122	46278	48.731	ng	#	88
33) 4-Chloroaniline	11.04	127	94099	42.909	ng		98
34) Hexachlorobutadiene	11.18	225	56379	41.639	ng		94
35) Caprolactam	11.84	113	29360	42.825	ng		93
36) 4-Chloro-3-methylphenol	12.16	107	80515	42.590	ng		96
37) 2-Methylnaphthalene	12.53	142	152261	42.253	ng		99
38) 1-Methylnaphthalene	12.74	142	147122	42.073	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	111500	40.085	ng		98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	52354	34.259 ng		94
43) 2,4,6-Trichlorophenol	13.13	196	73486	42.967 ng		96
44) 2,4,5-Trichlorophenol	13.21	196	79333	43.810 ng		98
46) 1,1'-Biphenyl	13.53	154	243589	39.047 ng		99
47) 2-Chloronaphthalene	13.58	162	188462	39.110 ng		98
48) 2-Nitroaniline	13.79	65	59719	38.907 ng		95
49) Acenaphthylene	14.42	152	286456	39.764 ng		99
50) Dimethylphthalate	14.14	163	248839	40.948 ng		98
51) 2,6-Dinitrotoluene	14.28	165	56439	40.983 ng		93
52) Acenaphthene	14.76	154	172725	40.097 ng		99
53) 3-Nitroaniline	14.62	138	59753	42.564 ng		88
54) 2,4-Dinitrophenol	14.82	184	29327	38.654 ng		95
55) Dibenzofuran	15.09	168	301360	40.812 ng		97
56) 4-Nitrophenol	14.92	139	39640	37.221 ng		96
57) 2,4-Dinitrotoluene	15.07	165	80202	41.349 ng		94
58) Fluorene	15.74	166	227547	41.594 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	73411	45.060 ng		96
60) Diethylphthalate	15.49	149	266428	39.937 ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	145230	42.547 ng		98
62) 4-Nitroaniline	15.78	138	60584	41.919 ng		99
63) Azobenzene	16.02	77	208136	37.347 ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	54431	39.807 ng		95
66) n-Nitrosodiphenylamine	15.95	169	224823	39.918 ng		98
67) 4-Bromophenyl-phenylether	16.62	248	97040	41.452 ng		96
68) Hexachlorobenzene	16.74	284	103371	42.597 ng		93
69) Atrazine	16.89	200	82148	39.303 ng		96
70) Pentachlorophenol	17.09	266	59876	41.715 ng		96
71) Phenanthrene	17.49	178	395364	39.775 ng		99
72) Anthracene	17.57	178	395309	40.285 ng		99
73) Carbazole	17.85	167	383496	39.516 ng		99
74) Di-n-butylphthalate	18.38	149	422583	37.948 ng		99
75) Fluoranthene	19.49	202	476630	38.755 ng		96
77) Benzidine	19.68	184	186968	32.148 ng		99
78) Pyrene	19.85	202	488849	37.628 ng		99
80) Butylbenzylphthalate	20.72	149	184512	36.353 ng		96
81) Benzo(a)anthracene	21.70	228	462984	38.636 ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	192323	40.467 ng		98
83) Chrysene	21.77	228	445388	38.588 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	262397	36.451 ng		97
85) Di-n-octyl phthalate	22.79	149	439870	36.486 ng		97
86) Indeno(1,2,3-cd)pyrene	28.81	276	534117	39.361 ng	#	59
88) Benzo(b)fluoranthene	23.97	252	458598	39.398 ng		99
89) Benzo(k)fluoranthene	24.03	252	459372	39.631 ng		98
90) Benzo(a)pyrene	24.87	252	446805	39.788 ng		98
91) Dibenzo(a,h)anthracene	28.87	278	445295	39.825 ng		98
92) Benzo(g,h,i)perylene	29.99	276	436319	39.597 ng		96

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

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