Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
Data File : BG038826.D
Acq On : 26 Dec 2018 12:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 26 14:27:39 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	20880	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	97205	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	72344	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	179852	20.00	ng		0.00
76) Chrysene-d12	21.73	240	180551	20.00	ng		0.00
87) Perylene-d12	25.02	264	198264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	90373	76.77	ng		0.00
7) Phenol-d6	7.21	99	135042	83.56	ng		0.00
23) Nitrobenzene-d5	9.23	82	141834	74.54	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	89101	89.37	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	407738	77.32	ng		0.00
79) Terphenyl-d14	20.04	244	654907	78.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	17602	32.126	ng		94
3) Pyridine	3.90	79	51125	33.891	ng		99
4) n-Nitrosodimethylamine	3.82	42	25396	34.359	ng	#	91
6) Aniline	7.38	93	84177	40.802	ng		98
8) 2-Chlorophenol	7.62	128	57018	41.853	ng		96
9) Benzaldehyde	7.20	77	38222	36.458	ng		95
10) Phenol	7.24	94	70361	40.980	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	53441	39.094	ng		93
12) 1,3-Dichlorobenzene	7.94	146	63242	39.262	ng		98
13) 1,4-Dichlorobenzene	8.09	146	64553	39.130	ng		98
14) 1,2-Dichlorobenzene	8.41	146	63375	40.749	ng		97
15) Benzyl Alcohol	8.30	79	55808	44.242	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	111031	35.458	ng		97
17) 2-Methylphenol	8.49	107	50462	43.867	ng		98
18) Hexachloroethane	9.13	117	22385	37.133	ng		87
19) n-Nitroso-di-n-propylamine	8.86	70	49908	43.969	ng		97
20) 3+4-Methylphenols	8.83	107	72689	45.755	ng		99
22) Acetophenone	8.89	105	96803	39.870	ng	#	95
24) Nitrobenzene	9.27	77	70929	36.849	ng		98
25) Isophorone	9.79	82	126634	37.042	ng		97
26) 2-Nitrophenol	9.99	139	39727	40.325	ng		93
27) 2,4-Dimethylphenol	10.03	122	56659	40.129	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	75142	38.949	ng		97
29) 2,4-Dichlorophenol	10.52	162	69357	44.155	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	75771	39.936	ng		98
31) Naphthalene	10.93	128	188822	39.425	ng		99
32) Benzoic acid	10.19	122	33690	39.775	ng		94
33) 4-Chloroaniline	11.04	127	89916	43.243	ng		97
34) Hexachlorobutadiene	11.18	225	51396	40.034	ng		93
35) Caprolactam	11.83	113	27349	42.073	ng	#	87
36) 4-Chloro-3-methylphenol	12.15	107	74993	41.838	ng		93
37) 2-Methylnaphthalene	12.52	142	144493	42.289	ng		97
38) 1-Methylnaphthalene	12.75	142	140832	42.476	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	105582	39.044	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	50542	34.020	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	68749	41.348	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	72094	40.952	ng		98
46) 1,1'-Biphenyl	13.53	154	232309	38.305	ng		98
47) 2-Chloronaphthalene	13.58	162	178969	38.203	ng		97
48) 2-Nitroaniline	13.79	65	55113	36.934	ng		94
49) Acenaphthylene	14.42	152	273441	39.044	ng		100
50) Dimethylphthalate	14.15	163	237142	40.140	ng		98
51) 2,6-Dinitrotoluene	14.27	165	52757	39.406	ng		93
52) Acenaphthene	14.76	154	163221	38.975	ng		99
53) 3-Nitroaniline	14.62	138	54658	40.049	ng		95
54) 2,4-Dinitrophenol	14.82	184	33769	44.827	ng		96
55) Dibenzofuran	15.09	168	286502	39.911	ng		97
56) 4-Nitrophenol	14.92	139	38848	37.522	ng		98
57) 2,4-Dinitrotoluene	15.06	165	75217	39.889	ng		93
58) Fluorene	15.74	166	215450	40.510	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	64513	40.732	ng		98
60) Diethylphthalate	15.50	149	249810	38.518	ng		97
61) 4-Chlorophenyl-phenylether	15.73	204	135581	40.858	ng		97
62) 4-Nitroaniline	15.78	138	58822	41.865	ng		95
63) Azobenzene	16.02	77	198888	36.709	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	53365	41.595	ng		84
66) n-Nitrosodiphenylamine	15.95	169	214466	40.584	ng		93
67) 4-Bromophenyl-phenylether	16.63	248	89768	40.868	ng		96
68) Hexachlorobenzene	16.74	284	95760	42.057	ng		96
69) Atrazine	16.89	200	77178	39.354	ng		94
70) Pentachlorophenol	17.09	266	55460	41.180	ng		95
71) Phenanthrene	17.48	178	372280	39.916	ng		100
72) Anthracene	17.58	178	368585	40.032	ng		99
73) Carbazole	17.85	167	363135	39.880	ng		99
74) Di-n-butylphthalate	18.38	149	394996	37.804	ng		99
75) Fluoranthene	19.49	202	450434	39.034	ng		97
77) Benzidine	19.67	184	194497	36.425	ng		99
78) Pyrene	19.86	202	452846	37.966	ng		99
80) Butylbenzylphthalate	20.72	149	174682	37.485	ng		96
81) Benzo(a)anthracene	21.70	228	435191	39.556	ng		100
82) 3,3'-Dichlorobenzidine	21.62	252	177046	40.575	ng		100
83) Chrysene	21.77	228	411413	38.824	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	242879	36.749	ng		99
85) Di-n-octyl phthalate	22.79	149	411790	37.203	ng		97
86) Indeno(1,2,3-cd)pyrene	28.81	276	496567	39.858	ng	#	78
88) Benzo(b)fluoranthene	23.96	252	437078	40.152	ng		99
89) Benzo(k)fluoranthene	24.03	252	423159	39.038	ng		97
90) Benzo(a)pyrene	24.87	252	416751	39.684	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	417356	39.914	ng		99
92) Benzo(g,h,i)perylene	29.99	276	408886	39.680	ng		97

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

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