Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041271.D
Acq On : 17 Jun 2019 12:26
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
6/20/2019 10:48:34 AM

Quant Time: Jun 17 13:18:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30082	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	125271	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	89038	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	244976	20.00	ng		0.00
76) Chrysene-d12	21.74	240	257900	20.00	ng		0.00
87) Perylene-d12	25.05	264	282794	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	211229	129.38	ng		0.00
7) Phenol-d6	7.23	99	294796	118.12	ng		0.00
23) Nitrobenzene-d5	9.26	82	356204	123.40	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	171313	139.09	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	780927	116.09	ng		0.00
79) Terphenyl-d14	20.06	244	1557210	118.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	52756	77.515	ng		97
3) Pyridine	3.89	79	145106	72.980	ng		97
4) n-Nitrosodimethylamine	3.81	42	71816	69.432	ng	#	96
6) Aniline	7.41	93	205498	63.120	ng		97
8) 2-Chlorophenol	7.64	128	119461	59.142	ng		97
9) Benzaldehyde	7.22	77	85193	53.676	ng		88
10) Phenol	7.26	94	159107	59.372	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	120388	61.335	ng		99
12) 1,3-Dichlorobenzene	7.97	146	149648	61.649	ng		95
13) 1,4-Dichlorobenzene	8.12	146	150028	60.771	ng		95
14) 1,2-Dichlorobenzene	8.44	146	146848	62.094	ng		95
15) Benzyl Alcohol	8.32	79	137993	60.072	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.61	45	191868	61.078	ng		98
17) 2-Methylphenol	8.52	107	112989	58.362	ng		96
18) Hexachloroethane	9.16	117	60269	62.302	ng		96
19) n-Nitroso-di-n-propylamine	8.89	70	114559	59.970	ng		98
20) 3+4-Methylphenols	8.85	107	150875	56.617	ng		91
22) Acetophenone	8.92	105	216947	62.577	ng		98
24) Nitrobenzene	9.31	77	180049	62.213	ng		96
25) Isophorone	9.82	82	323552	63.593	ng		97
26) 2-Nitrophenol	10.02	139	73472	59.994	ng		92
27) 2,4-Dimethylphenol	10.06	122	111134	59.698	ng		96
28) bis(2-Chloroethoxy)methane	10.30	93	169762	61.635	ng		95
29) 2,4-Dichlorophenol	10.55	162	141645	59.442	ng		100
30) 1,2,4-Trichlorobenzene	10.76	180	172579	59.982	ng		96
31) Naphthalene	10.96	128	408750	61.543	ng		100
32) Benzoic acid	10.22	122	76755	115.995	ng		93
33) 4-Chloroaniline	11.07	127	178995	61.712	ng		97
34) Hexachlorobutadiene	11.22	225	137277	61.929	ng		96
35) Caprolactam	11.87	113	48863	71.858	ng	#	89
36) 4-Chloro-3-methylphenol	12.18	107	161100	63.872	ng		96
37) 2-Methylnaphthalene	12.55	142	299744	60.173	ng		98
38) 1-Methylnaphthalene	12.77	142	284324	60.524	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	220769	56.986	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	153196	90.841	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	138560	59.440	ng		95
44) 2,4,5-Trichlorophenol	13.23	196	142090	60.963	ng		99
46) 1,1'-Biphenyl	13.55	154	403602	58.618	ng		100
47) 2-Chloronaphthalene	13.60	162	353752	58.854	ng		100
48) 2-Nitroaniline	13.81	65	132621	63.831	ng		95
49) Acenaphthylene	14.45	152	530098	61.464	ng		100
50) Dimethylphthalate	14.17	163	485798	64.732	ng		100
51) 2,6-Dinitrotoluene	14.30	165	103797	64.465	ng		97
52) Acenaphthene	14.78	154	312945	60.615	ng		98
53) 3-Nitroaniline	14.63	138	105853	68.038	ng		97
54) 2,4-Dinitrophenol	14.84	184	72652	227.551	ng		90
55) Dibenzofuran	15.12	168	543298	62.185	ng		97
56) 4-Nitrophenol	14.93	139	78031	93.918	ng		95
57) 2,4-Dinitrotoluene	15.09	165	152943	68.469	ng		97
58) Fluorene	15.76	166	433650	63.928	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.34	232	150867m	70.564	ng		
60) Diethylphthalate	15.52	149	500604	67.543	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	278539	62.706	ng		97
62) 4-Nitroaniline	15.80	138	113336	74.902	ng		96
63) Azobenzene	16.04	77	438758	65.684	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	98819	110.612	ng		98
66) n-Nitrosodiphenylamine	15.97	169	391775	57.498	ng		100
67) 4-Bromophenyl-phenylether	16.64	248	192009	59.171	ng		92
68) Hexachlorobenzene	16.76	284	203800	57.763	ng		97
69) Atrazine	16.91	200	116286	53.645	ng		97
70) Pentachlorophenol	17.10	266	110158	90.148	ng		98
71) Phenanthrene	17.51	178	783776	60.737	ng		99
72) Anthracene	17.60	178	781719	61.117	ng		100
73) Carbazole	17.87	167	693343	63.481	ng		99
74) Di-n-butylphthalate	18.40	149	859823	63.365	ng		100
75) Fluoranthene	19.51	202	1050446	64.015	ng		98
77) Benzidine	19.69	184	379712	94.832	ng		99
78) Pyrene	19.88	202	1046383	59.104	ng		98
80) Butylbenzylphthalate	20.74	149	408154	60.216	ng		97
81) Benzo(a)anthracene	21.72	228	1066825	62.554	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	383537	73.126	ng		98
83) Chrysene	21.79	228	1017088	60.337	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	555688	58.876	ng	#	98
85) Di-n-octyl phthalate	22.82	149	951715	60.739	ng		100
86) Indeno(1,2,3-cd)pyrene	28.86	276	1243163	122.832	ng	#	97
88) Benzo(b)fluoranthene	23.99	252	1056733	61.164	ng		99
89) Benzo(k)fluoranthene	24.06	252	1038018	50.324	ng		99
90) Benzo(a)pyrene	24.89	252	1000222	59.425	ng		100
91) Dibenzo(a,h)anthracene	28.92	278	1014050	105.001	ng		98
92) Benzo(g,h,i)perylene	30.06	276	995971	119.878	ng		96

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

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