Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
Data File : BG041251.D
Acq On : 14 Jun 2019 13:03
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Jun 14 13:46:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 13:13:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	36388	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	153899	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	106075	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	254834	20.00	ng		0.00
76) Chrysene-d12	21.75	240	255534	20.00	ng		0.00
87) Perylene-d12	25.06	264	226958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	240209	119.04	ng		0.00
7) Phenol-d6	7.25	99	359686	115.41	ng		0.00
23) Nitrobenzene-d5	9.27	82	423613	122.20	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	181173	115.05	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	942861	128.01	ng		0.00
79) Terphenyl-d14	20.07	244	1519071	126.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	50854	55.535	ng		98
3) Pyridine	3.90	79	147472	54.427	ng		99
4) n-Nitrosodimethylamine	3.82	42	77228	61.412	ng	#	91
6) Aniline	7.42	93	233258	56.073	ng		98
8) 2-Chlorophenol	7.65	128	142621	59.283	ng		98
9) Benzaldehyde	7.24	77	103425	55.632	ng		97
10) Phenol	7.27	94	192024	57.466	ng		100
11) bis(2-Chloroethyl)ether	7.51	93	140811	58.088	ng		98
12) 1,3-Dichlorobenzene	7.98	146	175120	60.946	ng		95
13) 1,4-Dichlorobenzene	8.13	146	174654	60.050	ng		98
14) 1,2-Dichlorobenzene	8.45	146	170092	60.231	ng		99
15) Benzyl Alcohol	8.33	79	161609	56.058	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	222424	56.151	ng		96
17) 2-Methylphenol	8.53	107	133312	55.101	ng		97
18) Hexachloroethane	9.17	117	68889	61.454	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	133306	55.583	ng		95
20) 3+4-Methylphenols	8.86	107	187108	55.830	ng		98
22) Acetophenone	8.93	105	253595	58.742	ng	#	99
24) Nitrobenzene	9.32	77	214055	60.590	ng		97
25) Isophorone	9.83	82	375595	56.931	ng		98
26) 2-Nitrophenol	10.03	139	90642	62.236	ng		99
27) 2,4-Dimethylphenol	10.07	122	135714	56.421	ng		100
28) bis(2-Chloroethoxy)methane	10.31	93	204255	57.363	ng		98
29) 2,4-Dichlorophenol	10.56	162	174992	57.289	ng		93
30) 1,2,4-Trichlorobenzene	10.77	180	214264	61.662	ng		98
31) Naphthalene	10.97	128	486840	58.918	ng		99
32) Benzoic acid	10.21	122	63736	37.122	ng		95
33) 4-Chloroaniline	11.08	127	219125	57.154	ng		97
34) Hexachlorobutadiene	11.23	225	166071	62.462	ng		100
35) Caprolactam	11.89	113	52533	52.081	ng		93
36) 4-Chloro-3-methylphenol	12.19	107	186892	53.574	ng		93
37) 2-Methylnaphthalene	12.56	142	371132	58.317	ng		95
38) 1-Methylnaphthalene	12.78	142	346881	57.842	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	273922	64.069	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	133396	69.636	ng		95
43) 2,4,6-Trichlorophenol	13.16	196	167955	60.726	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	171726	58.872	ng		97
46) 1,1'-Biphenyl	13.56	154	492609	62.738	ng		97
47) 2-Chloronaphthalene	13.61	162	429676	63.743	ng		97
48) 2-Nitroaniline	13.82	65	150319	62.161	ng		98
49) Acenaphthylene	14.45	152	615569	60.676	ng		99
50) Dimethylphthalate	14.17	163	529168	58.932	ng		99
51) 2,6-Dinitrotoluene	14.31	165	116918	60.391	ng		94
52) Acenaphthene	14.79	154	368476	59.955	ng		98
53) 3-Nitroaniline	14.64	138	113721	58.742	ng		96
54) 2,4-Dinitrophenol	14.85	184	28294	37.700	ng	#	88
55) Dibenzofuran	15.13	168	625660	60.501	ng		99
56) 4-Nitrophenol	14.94	139	69045	51.996	ng		92
57) 2,4-Dinitrotoluene	15.09	165	162005	59.239	ng		97
58) Fluorene	15.77	166	481936	58.518	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	162333	56.629	ng		98
60) Diethylphthalate	15.53	149	533847	58.257	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	319164	59.622	ng		98
62) 4-Nitroaniline	15.81	138	116172	56.682	ng		97
63) Azobenzene	16.05	77	482562	57.940	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	66376	54.287	ng		94
66) n-Nitrosodiphenylamine	15.98	169	428083	59.757	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	205262	59.685	ng		97
68) Hexachlorobenzene	16.77	284	217118	59.288	ng		98
69) Atrazine	16.91	200	126048	45.601	ng		99
70) Pentachlorophenol	17.11	266	91694	51.668	ng		98
71) Phenanthrene	17.51	178	800298	60.291	ng		99
72) Anthracene	17.61	178	802980	61.335	ng		99
73) Carbazole	17.88	167	686144	61.082	ng		99
74) Di-n-butylphthalate	18.41	149	851947	61.021	ng		100
75) Fluoranthene	19.52	202	1031295	62.901	ng		97
77) Benzidine	19.70	184	239821	39.342	ng		97
78) Pyrene	19.88	202	1041727	62.712	ng		98
80) Butylbenzylphthalate	20.74	149	399512	61.801	ng		99
81) Benzo(a)anthracene	21.72	228	1012076	59.499	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	327649	54.765	ng		95
83) Chrysene	21.80	228	989561	60.792	ng		97
84) Bis(2-ethylhexyl)phthalate	21.59	149	552147	60.675	ng		99
85) Di-n-octyl phthalate	22.83	149	931651	61.472	ng		99
86) Indeno(1,2,3-cd)pyrene	28.86	276	603853	30.284	ng	#	70
88) Benzo(b)fluoranthene	24.00	252	845489	61.420	ng		100
89) Benzo(k)fluoranthene	24.07	252	1035370	76.006	ng		99
90) Benzo(a)pyrene	24.90	252	816378	62.160	ng		98
91) Dibenzo(a,h)anthracene	28.93	278	421534	32.121	ng		99
92) Benzo(g,h,i)perylene	30.06	276	377638	29.620	ng		98

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

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