Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
Data File : BG041250.D
Acq On : 14 Jun 2019 12:25
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Jun 14 13:38:31 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	36214	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	157634	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	109069	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	256515	20.00	ng		0.00
76) Chrysene-d12	21.75	240	252465	20.00	ng		0.00
87) Perylene-d12	25.06	264	222950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	201244	100.21	ng		0.00
7) Phenol-d6	7.24	99	305261	98.42	ng		0.00
23) Nitrobenzene-d5	9.27	82	361650	101.85	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	150490	92.94	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	798289	105.40	ng		0.00
79) Terphenyl-d14	20.07	244	1291666	108.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	40909	44.890	ng		92
3) Pyridine	3.90	79	123672	45.862	ng		98
4) n-Nitrosodimethylamine	3.82	42	62751	50.140	ng	#	94
6) Aniline	7.42	93	192930	46.601	ng		96
8) 2-Chlorophenol	7.65	128	123444	51.558	ng		98
9) Benzaldehyde	7.24	77	86027	46.496	ng		99
10) Phenol	7.27	94	163482	49.159	ng		100
11) bis(2-Chloroethyl)ether	7.51	93	119218	49.416	ng		97
12) 1,3-Dichlorobenzene	7.98	146	147566	51.603	ng		96
13) 1,4-Dichlorobenzene	8.13	146	147854	51.080	ng		98
14) 1,2-Dichlorobenzene	8.45	146	143893	51.198	ng		96
15) Benzyl Alcohol	8.33	79	139815	48.731	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	187669	47.605	ng		98
17) 2-Methylphenol	8.53	107	114400	47.511	ng		96
18) Hexachloroethane	9.18	117	57040	51.128	ng		97
19) n-Nitroso-di-n-propylamine	8.90	70	111849	46.860	ng		94
20) 3+4-Methylphenols	8.86	107	157875	47.334	ng		97
22) Acetophenone	8.92	105	214052	48.407	ng	#	97
24) Nitrobenzene	9.32	77	178830	49.420	ng		95
25) Isophorone	9.83	82	316627	46.856	ng		100
26) 2-Nitrophenol	10.03	139	75483	50.600	ng		96
27) 2,4-Dimethylphenol	10.07	122	117166	47.556	ng		95
28) bis(2-Chloroethoxy)methane	10.31	93	172020	47.165	ng		99
29) 2,4-Dichlorophenol	10.56	162	147856	47.259	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	177917	49.989	ng		96
31) Naphthalene	10.97	128	411223	48.588	ng		98
32) Benzoic acid	10.20	122	44601	25.362	ng		91
33) 4-Chloroaniline	11.08	127	177854	45.290	ng		97
34) Hexachlorobutadiene	11.23	225	137583	50.521	ng		98
35) Caprolactam	11.88	113	43182	41.796	ng		98
36) 4-Chloro-3-methylphenol	12.19	107	157289	44.020	ng		99
37) 2-Methylnaphthalene	12.56	142	303682	46.588	ng		99
38) 1-Methylnaphthalene	12.78	142	286602	46.658	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	234238	53.283	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	105620	53.623	ng		94
43) 2,4,6-Trichlorophenol	13.16	196	144278	50.733	ng		95
44) 2,4,5-Trichlorophenol	13.24	196	143017	47.684	ng		97
46) 1,1'-Biphenyl	13.56	154	414158	51.298	ng		99
47) 2-Chloronaphthalene	13.61	162	360998	52.085	ng		97
48) 2-Nitroaniline	13.82	65	125158	50.336	ng		93
49) Acenaphthylene	14.45	152	519596	49.810	ng		99
50) Dimethylphthalate	14.18	163	449870	48.726	ng		99
51) 2,6-Dinitrotoluene	14.31	165	97228	48.842	ng		95
52) Acenaphthene	14.79	154	309279	48.942	ng		100
53) 3-Nitroaniline	14.65	138	91912	46.173	ng		93
54) 2,4-Dinitrophenol	14.84	184	19437	25.188	ng	#	82
55) Dibenzofuran	15.12	168	522826	49.169	ng		97
56) 4-Nitrophenol	14.94	139	55898	40.940	ng		95
57) 2,4-Dinitrotoluene	15.09	165	133916	47.624	ng		100
58) Fluorene	15.77	166	409543	48.363	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	132315	44.891	ng		99
60) Diethylphthalate	15.53	149	443992	47.122	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	263213	47.821	ng		99
62) 4-Nitroaniline	15.81	138	95873	45.494	ng		98
63) Azobenzene	16.05	77	398648	46.550	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	52591	42.731	ng		92
66) n-Nitrosodiphenylamine	15.97	169	356588	49.451	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	171009	49.399	ng		99
68) Hexachlorobenzene	16.77	284	184658	50.094	ng		95
69) Atrazine	16.91	200	118465	42.577	ng		95
70) Pentachlorophenol	17.11	266	71567	40.062	ng		98
71) Phenanthrene	17.51	178	672641	50.342	ng		98
72) Anthracene	17.61	178	669128	50.776	ng		99
73) Carbazole	17.88	167	573567	50.726	ng		99
74) Di-n-butylphthalate	18.41	149	719390	51.189	ng		99
75) Fluoranthene	19.52	202	866201	52.485	ng		98
77) Benzidine	19.70	184	194956	32.371	ng		97
78) Pyrene	19.88	202	868587	52.924	ng		99
80) Butylbenzylphthalate	20.74	149	336555	52.695	ng		97
81) Benzo(a)anthracene	21.73	228	837205	49.817	ng		100
82) 3,3'-Dichlorobenzidine	21.64	252	255683	43.256	ng		98
83) Chrysene	21.80	228	818165	50.874	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	468496	52.108	ng		100
85) Di-n-octyl phthalate	22.83	149	788847	52.682	ng		100
86) Indeno(1,2,3-cd)pyrene	28.87	276	482185	24.476	ng	#	82
88) Benzo(b)fluoranthene	24.00	252	694009	51.322	ng		99
89) Benzo(k)fluoranthene	24.08	252	811096	60.613	ng		99
90) Benzo(a)pyrene	24.91	252	650153	50.393	ng		98
91) Dibenzo(a,h)anthracene	28.94	278	383988	29.786	ng		99
92) Benzo(g,h,i)perylene	30.07	276	329269	26.290	ng		96

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

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