Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041208.D
Acq On : 12 Jun 2019 16:17
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/14/2019 8:36:42 AM

Quant Time: Jun 13 07:41:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	37161	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	161072	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	125518	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	311233	20.00	ng		0.00
76) Chrysene-d12	21.76	240	306990	20.00	ng		0.00
87) Perylene-d12	25.08	264	327067	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	161578	78.40	ng		0.00
7) Phenol-d6	7.25	99	256421	80.57	ng		0.00
23) Nitrobenzene-d5	9.29	82	296719	81.78	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	152978	82.10	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	703773	80.75	ng		0.00
79) Terphenyl-d14	20.07	244	1279342	88.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	35372	37.825	ng		98
3) Pyridine	3.92	79	103099	37.259	ng		96
4) n-Nitrosodimethylamine	3.83	42	53332	41.528	ng		93
6) Aniline	7.43	93	168843	39.744	ng		96
8) 2-Chlorophenol	7.66	128	100589	40.942	ng		90
9) Benzaldehyde	7.24	77	77715	40.933	ng		88
10) Phenol	7.28	94	137926	40.418	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	93651	37.829	ng		98
12) 1,3-Dichlorobenzene	7.99	146	117729	40.120	ng		95
13) 1,4-Dichlorobenzene	8.14	146	120048	40.416	ng		98
14) 1,2-Dichlorobenzene	8.46	146	117968	40.904	ng		96
15) Benzyl Alcohol	8.34	79	115750	39.315	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	149667	36.998	ng		99
17) 2-Methylphenol	8.54	107	95420	38.619	ng		99
18) Hexachloroethane	9.19	117	46645	40.745	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	92385	37.719	ng		98
20) 3+4-Methylphenols	8.87	107	132915	38.835	ng		98
22) Acetophenone	8.93	105	178488	39.503	ng	#	98
24) Nitrobenzene	9.33	77	152294	41.188	ng		99
25) Isophorone	9.84	82	262332	37.992	ng		99
26) 2-Nitrophenol	10.03	139	66700	43.758	ng		97
27) 2,4-Dimethylphenol	10.08	122	98846	39.264	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	142618	38.269	ng		97
29) 2,4-Dichlorophenol	10.57	162	126690	39.629	ng		91
30) 1,2,4-Trichlorobenzene	10.78	180	147435	40.540	ng		98
31) Naphthalene	10.98	128	348701	40.321	ng		97
32) Benzoic acid	10.22	122	72110m	38.728	ng		
33) 4-Chloroaniline	11.09	127	162263	40.438	ng		96
34) Hexachlorobutadiene	11.24	225	114300	41.076	ng		96
35) Caprolactam	11.88	113	43032	40.762	ng		98
36) 4-Chloro-3-methylphenol	12.19	107	147127	40.297	ng		97
37) 2-Methylnaphthalene	12.57	142	269880	40.519	ng		96
38) 1-Methylnaphthalene	12.79	142	259817	41.395	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	204610	40.444	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	91718	38.490	ng		95
43) 2,4,6-Trichlorophenol	13.17	196	132733	40.557	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	135910	39.376	ng		98
46) 1,1'-Biphenyl	13.57	154	371390	39.973	ng		97
47) 2-Chloronaphthalene	13.62	162	327322	41.037	ng		99
48) 2-Nitroaniline	13.83	65	119637	41.810	ng		98
49) Acenaphthylene	14.46	152	485685	40.458	ng		100
50) Dimethylphthalate	14.19	163	415935	39.146	ng		99
51) 2,6-Dinitrotoluene	14.32	165	91671	40.016	ng		97
52) Acenaphthene	14.80	154	287669	39.556	ng		96
53) 3-Nitroaniline	14.65	138	92770	40.497	ng		99
54) 2,4-Dinitrophenol	14.86	184	35716	40.299	ng		94
55) Dibenzofuran	15.13	168	497569	40.661	ng		99
56) 4-Nitrophenol	14.94	139	61503	39.142	ng		87
57) 2,4-Dinitrotoluene	15.10	165	131900	40.760	ng		98
58) Fluorene	15.78	166	392138	40.239	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	138014	40.688	ng		97
60) Diethylphthalate	15.54	149	427269	39.404	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	253942	40.090	ng		96
62) 4-Nitroaniline	15.81	138	97185	40.073	ng		95
63) Azobenzene	16.06	77	390008	39.573	ng		100
65) 4,6-Dinitro-2-methylphenol	15.86	198	69454	42.782	ng		95
66) n-Nitrosodiphenylamine	15.98	169	351756	40.205	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	167062	39.775	ng		97
68) Hexachlorobenzene	16.78	284	177478	39.682	ng		96
69) Atrazine	16.92	200	135120	40.025	ng		97
70) Pentachlorophenol	17.12	266	90926	40.187	ng		97
71) Phenanthrene	17.52	178	669561	41.301	ng		99
72) Anthracene	17.62	178	664190	41.540	ng		100
73) Carbazole	17.89	167	577624	42.103	ng		98
74) Di-n-butylphthalate	18.42	149	704033	41.289	ng		99
75) Fluoranthene	19.53	202	850895	42.494	ng		99
77) Benzidine	19.71	184	251347	34.321	ng		96
78) Pyrene	19.89	202	859170	43.052	ng		98
80) Butylbenzylphthalate	20.75	149	330079	42.502	ng		98
81) Benzo(a)anthracene	21.74	228	855821	41.880	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	290935	40.478	ng		98
83) Chrysene	21.81	228	823270	42.099	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	453680	41.498	ng		99
85) Di-n-octyl phthalate	22.84	149	761409	41.818	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	772976	32.268	ng	#	98
88) Benzo(b)fluoranthene	24.02	252	799890	40.322	ng		99
89) Benzo(k)fluoranthene	24.09	252	848189m	43.207	ng		
90) Benzo(a)pyrene	24.93	252	766125	40.479	ng		96
91) Dibenzo(a,h)anthracene	28.97	278	645784	34.147	ng		98
92) Benzo(g,h,i)perylene	30.11	276	574139	31.249	ng		98

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

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