Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092119\
Data File : BG042912.D
Acq On : 21 Sep 2019 15:43
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG092119

Quant Time: Sep 23 06:47:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 06:01:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	69041	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	267817	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	196987	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	473135	20.00	ng		0.00
76) Chrysene-d12	21.71	240	498551	20.00	ng		0.00
87) Perylene-d12	24.95	264	557492	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	304304	76.42	ng		0.00
7) Phenol-d6	7.25	99	439021	76.37	ng		0.00
23) Nitrobenzene-d5	9.25	82	447013	81.42	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	254914	82.06	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1068246	79.56	ng		0.00
79) Terphenyl-d14	20.05	244	1937535	79.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	60833	36.759	ng		97
3) Pyridine	3.97	79	181270	37.630	ng		96
4) n-Nitrosodimethylamine	3.88	42	81636	36.562	ng		98
6) Aniline	7.41	93	264300	37.701	ng		94
8) 2-Chlorophenol	7.65	128	153999	37.767	ng		94
9) Benzaldehyde	7.22	77	154151	43.078	ng		99
10) Phenol	7.28	94	203566	37.988	ng		98
11) bis(2-Chloroethyl)ether	7.50	93	154811	37.058	ng		99
12) 1,3-Dichlorobenzene	7.97	146	195349	37.954	ng		98
13) 1,4-Dichlorobenzene	8.12	146	194433	37.574	ng		98
14) 1,2-Dichlorobenzene	8.44	146	187253	38.125	ng		95
15) Benzyl Alcohol	8.32	79	163460	37.813	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	306571	37.767	ng		99
17) 2-Methylphenol	8.53	107	138130	37.321	ng		96
18) Hexachloroethane	9.17	117	74163	39.115	ng		94
19) n-Nitroso-di-n-propylamine	8.89	70	147160	38.379	ng		97
20) 3+4-Methylphenols	8.86	107	195697	38.507	ng		99
22) Acetophenone	8.90	105	300075	42.947	ng	#	98
24) Nitrobenzene	9.29	77	213254	40.094	ng		97
25) Isophorone	9.81	82	399762	40.756	ng		98
26) 2-Nitrophenol	10.00	139	92335	42.109	ng		96
27) 2,4-Dimethylphenol	10.06	122	138597	40.465	ng		96
28) bis(2-Chloroethoxy)methane	10.29	93	226191	39.958	ng		99
29) 2,4-Dichlorophenol	10.54	162	167463	40.134	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	213183	39.963	ng		100
31) Naphthalene	10.94	128	522873	39.940	ng		99
32) Benzoic acid	10.20	122	127437	45.419	ng		96
33) 4-Chloroaniline	11.04	127	232026	39.799	ng		98
34) Hexachlorobutadiene	11.23	225	156769	40.721	ng		99
35) Caprolactam	11.83	113	63991	42.516	ng		89
36) 4-Chloro-3-methylphenol	12.17	107	189749	41.068	ng		99
37) 2-Methylnaphthalene	12.54	142	402197	40.397	ng		99
38) 1-Methylnaphthalene	12.75	142	379598	40.356	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	321904	44.150	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	170830	38.219	ng		92
43) 2,4,6-Trichlorophenol	13.14	196	166199	38.964	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	175216	39.799	ng		94
46) 1,1'-Biphenyl	13.53	154	644219	42.908	ng		99
47) 2-Chloronaphthalene	13.58	162	435712	38.483	ng		98
48) 2-Nitroaniline	13.78	65	151818	39.962	ng		92
49) Acenaphthylene	14.42	152	682119	39.825	ng		99
50) Dimethylphthalate	14.16	163	585445	40.613	ng		99
51) 2,6-Dinitrotoluene	14.27	165	126600	41.232	ng		91
52) Acenaphthene	14.76	154	468631	41.337	ng		100
53) 3-Nitroaniline	14.60	138	130574	40.461	ng		99
54) 2,4-Dinitrophenol	14.80	184	77349	42.756	ng		97
55) Dibenzofuran	15.10	168	662186	39.375	ng		99
56) 4-Nitrophenol	14.92	139	103212	41.991	ng		97
57) 2,4-Dinitrotoluene	15.06	165	181277	41.600	ng		95
58) Fluorene	15.74	166	562766	39.581	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	181869	40.399	ng		100
60) Diethylphthalate	15.51	149	594256	40.858	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	331637	39.394	ng		98
62) 4-Nitroaniline	15.77	138	143701	41.125	ng		99
63) Azobenzene	16.03	77	558151	39.935	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	102771	41.014	ng		95
66) n-Nitrosodiphenylamine	15.95	169	501772	39.454	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	226937	38.987	ng		97
68) Hexachlorobenzene	16.75	284	251892	39.226	ng		96
69) Atrazine	16.90	200	212053	40.409	ng		100
70) Pentachlorophenol	17.09	266	148893	40.336	ng		98
71) Phenanthrene	17.48	178	910902	39.637	ng		98
72) Anthracene	17.58	178	904411	39.563	ng		99
73) Carbazole	17.84	167	852416	39.997	ng		100
74) Di-n-butylphthalate	18.41	149	1012891	40.822	ng		99
75) Fluoranthene	19.49	202	1178075	40.459	ng		100
77) Benzidine	19.67	184	550787	39.798	ng		99
78) Pyrene	19.85	202	1190814	40.049	ng		100
80) Butylbenzylphthalate	20.74	149	458554	39.937	ng		97
81) Benzo(a)anthracene	21.70	228	1219139	39.706	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	483533	39.539	ng		98
83) Chrysene	21.76	228	1169509	39.390	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	639618	39.388	ng		99
85) Di-n-octyl phthalate	22.83	149	1073251	39.943	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1448614	39.134	ng	#	95
88) Benzo(b)fluoranthene	23.92	252	1249739	39.367	ng		98
89) Benzo(k)fluoranthene	23.99	252	1218536	39.732	ng		99
90) Benzo(a)pyrene	24.80	252	1182545	39.552	ng		100
91) Dibenzo(a,h)anthracene	28.70	278	1198094	39.463	ng		98
92) Benzo(g,h,i)perylene	29.79	276	1151437	39.211	ng		99

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

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