Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045740.D
Acq On : 12 Jun 2020 14:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/15/2020 8:45:09 AM

Quant Time: Jun 12 17:18:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60115	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	240319	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	170305	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	385877	20.00	ng		0.00
76) Chrysene-d12	21.60	240	341546	20.00	ng		0.00
87) Perylene-d12	24.75	264	366341	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	268335	87.23	ng		0.02
7) Phenol-d6	7.18	99	408556	93.32	ng		0.04
23) Nitrobenzene-d5	9.11	82	401228	91.04	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	187228	85.96	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	892104	88.85	ng		0.00
79) Terphenyl-d14	19.95	244	1353410	92.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	60247	39.497	ng		95
3) Pyridine	3.81	79	182489	42.956	ng		96
4) n-Nitrosodimethylamine	3.72	42	64964	46.731	ng		88
6) Aniline	7.28	93	252268	44.139	ng		95
8) 2-Chlorophenol	7.54	128	148024	43.882	ng		96
9) Benzaldehyde	7.08	77	111363	39.041	ng		99
10) Phenol	7.21	94	206848	45.841	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	155459	44.170	ng		94
12) 1,3-Dichlorobenzene	7.83	146	176393	43.514	ng		100
13) 1,4-Dichlorobenzene	7.98	146	176327	44.077	ng		97
14) 1,2-Dichlorobenzene	8.30	146	171368	44.538	ng		97
15) Benzyl Alcohol	8.20	79	167554	46.327	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.48	45	154880	46.359	ng		98
17) 2-Methylphenol	8.45	107	154368	45.706	ng		94
18) Hexachloroethane	9.03	117	68118	44.459	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	142718	47.140	ng		95
20) 3+4-Methylphenols	8.77	107	208436	45.321	ng	#	50
22) Acetophenone	8.77	105	255199	44.805	ng	#	89
24) Nitrobenzene	9.16	77	216486	45.850	ng		98
25) Isophorone	9.68	82	390208	44.960	ng		97
26) 2-Nitrophenol	9.87	139	92480	45.786	ng		92
27) 2,4-Dimethylphenol	9.97	122	137661	45.952	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	207304	45.546	ng		97
29) 2,4-Dichlorophenol	10.44	162	161965	45.784	ng		96
30) 1,2,4-Trichlorobenzene	10.62	180	186088	44.517	ng		98
31) Naphthalene	10.80	128	501183	44.754	ng		99
32) Benzoic acid	10.16	122	79913	41.055	ng		98
33) 4-Chloroaniline	10.92	127	214225	45.764	ng		97
34) Hexachlorobutadiene	11.09	225	131930	44.649	ng		96
35) Caprolactam	11.71	113	55670	42.873	ng	#	79
36) 4-Chloro-3-methylphenol	12.10	107	185212	46.462	ng		93
37) 2-Methylnaphthalene	12.41	142	376471	45.103	ng		96
38) 1-Methylnaphthalene	12.63	142	346620m	43.962	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	211699	44.504	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	95676	34.847	ng		97
43) 2,4,6-Trichlorophenol	13.05	196	145746	44.106	ng		96
44) 2,4,5-Trichlorophenol	13.15	196	163731	43.360	ng		98
46) 1,1'-Biphenyl	13.42	154	458886	43.852	ng		99
47) 2-Chloronaphthalene	13.47	162	375708	44.214	ng		99
48) 2-Nitroaniline	13.69	65	125542	44.913	ng		96
49) Acenaphthylene	14.31	152	593340	43.471	ng		99
50) Dimethylphthalate	14.05	163	503647	43.110	ng		100
51) 2,6-Dinitrotoluene	14.17	165	112555	42.696	ng		98
52) Acenaphthene	14.65	154	362428	39.668	ng		97
53) 3-Nitroaniline	14.51	138	112002	41.794	ng		97
54) 2,4-Dinitrophenol	14.72	184	97360	57.990	ng		95
55) Dibenzofuran	14.99	168	586065	43.195	ng		97
56) 4-Nitrophenol	14.90	139	97033	47.825	ng		91
57) 2,4-Dinitrotoluene	14.96	165	159112	41.675	ng		98
58) Fluorene	15.64	166	481484	43.195	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	139650	42.036	ng		99
60) Diethylphthalate	15.41	149	519771	42.745	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	280389	43.958	ng		97
62) 4-Nitroaniline	15.68	138	115878	41.420	ng		96
63) Azobenzene	15.92	77	499567	44.060	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	90023	40.058	ng		97
66) n-Nitrosodiphenylamine	15.85	169	426063	45.987	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	192325	46.028	ng		100
68) Hexachlorobenzene	16.65	284	199883	45.737	ng		97
69) Atrazine	16.80	200	151286	39.644	ng		96
70) Pentachlorophenol	17.02	266	78567	34.623	ng		95
71) Phenanthrene	17.38	178	757633	44.975	ng		99
72) Anthracene	17.47	178	752829	44.501	ng		98
73) Carbazole	17.76	167	703238	42.646	ng		100
74) Di-n-butylphthalate	18.30	149	851786	43.037	ng		98
75) Fluoranthene	19.40	202	890902	41.579	ng		99
77) Benzidine	19.58	184	280498	29.241	ng		99
78) Pyrene	19.75	202	889966	45.711	ng		99
80) Butylbenzylphthalate	20.64	149	378767	45.072	ng		97
81) Benzo(a)anthracene	21.58	228	858357	45.114	ng		100
82) 3,3'-Dichlorobenzidine	21.50	252	312588	41.883	ng		98
83) Chrysene	21.65	228	828959	45.312	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	521813	45.171	ng		99
85) Di-n-octyl phthalate	22.68	149	867260	43.711	ng		99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1018814	42.586	ng	#	91
88) Benzo(b)fluoranthene	23.75	252	876474	44.610	ng		99
89) Benzo(k)fluoranthene	23.82	252	859494	46.564	ng		99
90) Benzo(a)pyrene	24.60	252	831316	45.432	ng		97
91) Dibenzo(a,h)anthracene	28.38	278	827319	44.993	ng		98
92) Benzo(g,h,i)perylene	29.43	276	818906	44.530	ng		96

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

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