Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045758.D
Acq On : 13 Jun 2020 4:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/16/2020 11:04:58 AM

Quant Time: Jun 13 05:00:41 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	138266	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	530986	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	362849	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	803548	20.00	ng		0.00
76) Chrysene-d12	21.62	240	703323	20.00	ng		0.01
87) Perylene-d12	24.77	264	769898	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	616356	87.12	ng		0.05
7) Phenol-d6	7.22	99	897358	89.11	ng		0.07
23) Nitrobenzene-d5	9.13	82	876638	90.03	ng		0.01
42) 2,4,6-Tribromophenol	16.11	330	399756	86.15	ng		0.01
45) 2-Fluorobiphenyl	13.22	172	1791557	83.75	ng		0.00
79) Terphenyl-d14	19.97	244	2516957	83.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	128859	36.729	ng		97
3) Pyridine	3.81	79	386643	39.570	ng		96
4) n-Nitrosodimethylamine	3.73	42	149793	46.848	ng		82
6) Aniline	7.29	93	547262	41.632	ng		97
8) 2-Chlorophenol	7.55	128	336966	43.431	ng		100
9) Benzaldehyde	7.09	77	254955	38.861	ng		96
10) Phenol	7.25	94	462039	44.520	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	340750	42.093	ng		96
12) 1,3-Dichlorobenzene	7.85	146	397423	42.625	ng		98
13) 1,4-Dichlorobenzene	7.99	146	391513	42.550	ng		97
14) 1,2-Dichlorobenzene	8.31	146	373488	42.203	ng		98
15) Benzyl Alcohol	8.22	79	382561	45.989	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	324127	42.182	ng	#	31
17) 2-Methylphenol	8.48	107	342977	44.152	ng	#	88
18) Hexachloroethane	9.03	117	156085	44.292	ng		97
19) n-Nitroso-di-n-propylamine	8.78	70	303411	43.572	ng		97
20) 3+4-Methylphenols	8.80	107	453063	42.830	ng	#	85
22) Acetophenone	8.79	105	557143	44.271	ng	#	94
24) Nitrobenzene	9.17	77	465317	44.603	ng		95
25) Isophorone	9.69	82	827430	43.149	ng		98
26) 2-Nitrophenol	9.88	139	204553	45.835	ng		95
27) 2,4-Dimethylphenol	9.99	122	299024	45.176	ng		95
28) bis(2-Chloroethoxy)methane	10.17	93	435426	43.297	ng		99
29) 2,4-Dichlorophenol	10.46	162	367853	47.062	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	415685	45.007	ng		98
31) Naphthalene	10.81	128	1067102	43.126	ng		98
32) Benzoic acid	10.26	122	232959	50.966	ng		92
33) 4-Chloroaniline	10.94	127	453150	43.813	ng		97
34) Hexachlorobutadiene	11.10	225	303881	46.545	ng		98
35) Caprolactam	11.75	113	115777m	40.355	ng		
36) 4-Chloro-3-methylphenol	12.13	107	400327	45.452	ng		95
37) 2-Methylnaphthalene	12.42	142	804854	43.642	ng		95
38) 1-Methylnaphthalene	12.64	142	750659	43.089	ng	#	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	455090	44.903	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	202930	34.691	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	319165	45.334	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	360053	44.753	ng		98
46) 1,1'-Biphenyl	13.43	154	972204	43.605	ng		99
47) 2-Chloronaphthalene	13.47	162	795275	43.926	ng		99
48) 2-Nitroaniline	13.70	65	272179	45.703	ng		95
49) Acenaphthylene	14.33	152	1230276	42.306	ng		99
50) Dimethylphthalate	14.07	163	1023952	41.137	ng		99
51) 2,6-Dinitrotoluene	14.19	165	237182	42.228	ng		97
52) Acenaphthene	14.67	154	912133m	46.858	ng		
53) 3-Nitroaniline	14.54	138	240109	42.053	ng		96
54) 2,4-Dinitrophenol	14.73	184	230622	63.863	ng		99
55) Dibenzofuran	15.00	168	1196061	41.376	ng		94
56) 4-Nitrophenol	14.93	139	225566	52.181	ng		89
57) 2,4-Dinitrotoluene	14.98	165	327585	40.271	ng		95
58) Fluorene	15.65	166	993516	41.834	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.25	232	303228	42.840	ng		98
60) Diethylphthalate	15.43	149	1045947	40.372	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	597650	43.977	ng		98
62) 4-Nitroaniline	15.71	138	228434	38.324	ng		95
63) Azobenzene	15.94	77	1007723	41.715	ng		97
65) 4,6-Dinitro-2-methylphenol	15.75	198	191431	40.905	ng		95
66) n-Nitrosodiphenylamine	15.87	169	868530	45.018	ng		98
67) 4-Bromophenyl-phenylether	16.54	248	410002	47.121	ng		99
68) Hexachlorobenzene	16.66	284	422098	46.381	ng		99
69) Atrazine	16.82	200	306008	38.508	ng		99
70) Pentachlorophenol	17.02	266	208443	44.111	ng		98
71) Phenanthrene	17.39	178	1481104	42.222	ng		97
72) Anthracene	17.48	178	1484509	42.140	ng		95
73) Carbazole	17.77	167	1411176	41.096	ng		99
74) Di-n-butylphthalate	18.31	149	1650537	40.047	ng		96
75) Fluoranthene	19.40	202	1733369	38.848	ng		97
77) Benzidine	19.58	184	613507	31.059	ng		99
78) Pyrene	19.77	202	1726855	43.072	ng		96
80) Butylbenzylphthalate	20.65	149	761500	44.004	ng		94
81) Benzo(a)anthracene	21.59	228	1715235	43.779	ng		96
82) 3,3'-Dichlorobenzidine	21.51	252	648794	42.215	ng		97
83) Chrysene	21.66	228	1632260	43.327	ng		96
84) Bis(2-ethylhexyl)phthalate	21.50	149	1044666	43.915	ng		97
85) Di-n-octyl phthalate	22.69	149	1705456	41.742	ng		99
86) Indeno(1,2,3-cd)pyrene	28.36	276	2144157	43.524	ng	#	80
88) Benzo(b)fluoranthene	23.77	252	1821670	44.118	ng		99
89) Benzo(k)fluoranthene	23.84	252	1688747	43.534	ng		98
90) Benzo(a)pyrene	24.62	252	1704935	44.336	ng		97
91) Dibenzo(a,h)anthracene	28.42	278	1728081	44.719	ng		99
92) Benzo(g,h,i)perylene	29.49	276	1715187	44.379	ng		97

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

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