Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045961.D
Acq On : 7 Jul 2020 15:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/9/2020 10:55:19 AM

Quant Time: Jul 07 18:11:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	135699	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	523547	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	309457	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	637186	20.00	ng		0.00
76) Chrysene-d12	21.63	240	557605	20.00	ng		0.00
86) Perylene-d12	24.79	264	589530	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	666897	79.70	ng		0.00
7) Phenol-d6	7.16	99	974706	80.91	ng		0.00
23) Nitrobenzene-d5	9.16	82	808908	88.93	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	242070	84.28	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1584871	79.89	ng		0.00
79) Terphenyl-d14	19.99	244	2051807	81.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	161558	41.848	ng		100
3) Pyridine	3.90	79	490762	42.041	ng		98
4) n-Nitrosodimethylamine	3.82	42	171429	43.430	ng	#	97
6) Aniline	7.33	93	609441	39.544	ng		99
8) 2-Chlorophenol	7.58	128	351676	39.041	ng		99
9) Benzaldehyde	7.14	77	295447	38.707	ng		97
10) Phenol	7.19	94	481007	39.802	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	404476	40.475	ng		99
12) 1,3-Dichlorobenzene	7.90	146	409617	39.451	ng		99
13) 1,4-Dichlorobenzene	8.05	146	407214	39.869	ng		98
14) 1,2-Dichlorobenzene	8.36	146	392983	39.977	ng		99
15) Benzyl Alcohol	8.24	79	375262	39.726	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	527812	40.481	ng		97
17) 2-Methylphenol	8.44	107	358302	39.513	ng		97
18) Hexachloroethane	9.10	117	157895	40.177	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	335626	39.657	ng		99
20) 3+4-Methylphenols	8.77	107	485669	39.298	ng		99
22) Acetophenone	8.82	105	549349	39.277	ng		98
24) Nitrobenzene	9.20	77	447696	44.593	ng		97
25) Isophorone	9.73	82	892006	40.171	ng		99
26) 2-Nitrophenol	9.91	139	148568	45.401	ng		96
27) 2,4-Dimethylphenol	9.97	122	313119	39.616	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	503043	40.343	ng		98
29) 2,4-Dichlorophenol	10.45	162	319553	39.055	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	360507	39.766	ng		99
31) Naphthalene	10.86	128	1108628	39.500	ng		99
32) Benzoic acid	10.10	122	203041	42.867	ng		96
33) 4-Chloroaniline	10.95	127	491947	39.224	ng		98
34) Hexachlorobutadiene	11.16	225	208065	39.307	ng		100
35) Caprolactam	11.72	113	121851	39.224	ng		95
36) 4-Chloro-3-methylphenol	12.08	107	372935	40.019	ng		99
37) 2-Methylnaphthalene	12.46	142	797155	39.955	ng		98
38) 1-Methylnaphthalene	12.68	142	749136	39.787	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	350814	40.215	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	203166	39.251	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	240315	40.734	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	275276	41.268	ng		99
46) 1,1'-Biphenyl	13.47	154	935123	40.170	ng		99
47) 2-Chloronaphthalene	13.51	162	728715	39.674	ng		98
48) 2-Nitroaniline	13.70	65	234350	45.687	ng		98
49) Acenaphthylene	14.35	152	1180900	39.849	ng		99
50) Dimethylphthalate	14.09	163	918146	39.534	ng		99
51) 2,6-Dinitrotoluene	14.20	165	185497	44.887	ng		98
52) Acenaphthene	14.70	154	746250	39.923	ng		97
53) 3-Nitroaniline	14.52	138	220382	43.535	ng	#	91
54) 2,4-Dinitrophenol	14.72	184	62391	43.194	ng		93
55) Dibenzofuran	15.03	168	1088303	39.719	ng		99
56) 4-Nitrophenol	14.82	139	173290	45.800	ng		95
57) 2,4-Dinitrotoluene	14.98	165	240925	45.428	ng		92
58) Fluorene	15.68	166	884398	39.346	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	215313m	41.807	ng		
60) Diethylphthalate	15.45	149	951938	39.085	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	437353	39.110	ng		98
62) 4-Nitroaniline	15.68	138	228335	47.570	ng		91
63) Azobenzene	15.96	77	1049728	40.157	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	95075	43.995	ng		98
66) n-Nitrosodiphenylamine	15.88	169	785357	39.774	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	282130	39.645	ng		98
68) Hexachlorobenzene	16.69	284	280229	39.241	ng		99
69) Atrazine	16.83	200	232450	39.818	ng		97
70) Pentachlorophenol	17.02	266	170443	42.928	ng		98
71) Phenanthrene	17.41	178	1359391	40.354	ng		99
72) Anthracene	17.50	178	1372232	40.140	ng		99
73) Carbazole	17.77	167	1366836	39.889	ng		99
74) Di-n-butylphthalate	18.35	149	1627175	39.296	ng		99
75) Fluoranthene	19.42	202	1572251	40.374	ng		99
77) Benzidine	19.59	184	703879	44.149	ng		100
78) Pyrene	19.78	202	1582872	41.587	ng		99
80) Butylbenzylphthalate	20.68	149	767846	42.690	ng		96
81) Benzo(a)anthracene	21.62	228	1475162	40.234	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	549290	40.543	ng		99
83) Chrysene	21.68	228	1421399	40.694	ng		100
84) Bis(2-ethylhexyl)phthalate	21.56	149	1060155	40.605	ng		99
85) Di-n-octyl phthalate	22.76	149	1842800	40.672	ng		100
87) Indeno(1,2,3-cd)pyrene	28.37	276	1790933	41.526	ng		99
88) Benzo(b)fluoranthene	23.79	252	1573994	42.059	ng		98
89) Benzo(k)fluoranthene	23.86	252	1468917	41.511	ng		100
90) Benzo(a)pyrene	24.64	252	1475110	41.917	ng		99
91) Dibenzo(a,h)anthracene	28.45	278	1430482	41.123	ng		99
92) Benzo(g,h,i)perylene	29.49	276	1429667	40.840	ng		99

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

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