Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045345.D
Acq On : 13 May 2020 3:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/14/2020 11:53:57 AM

Quant Time: May 13 03:59:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	80526	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	311185	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	225788	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	519518	20.00	ng		0.00
76) Chrysene-d12	21.63	240	459587	20.00	ng		0.00
87) Perylene-d12	24.79	264	519073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	370569	75.97	ng		0.00
7) Phenol-d6	7.14	99	550999	76.03	ng		0.00
23) Nitrobenzene-d5	9.13	82	552568	81.02	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	265202	76.03	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1212807	78.76	ng		0.00
79) Terphenyl-d14	19.98	244	1810389	85.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	82225	37.933	ng		100
3) Pyridine	3.82	79	247560	37.092	ng		95
4) n-Nitrosodimethylamine	3.74	42	79909	39.084	ng	#	95
6) Aniline	7.29	93	351897	37.347	ng		98
8) 2-Chlorophenol	7.54	128	200912	38.327	ng		98
9) Benzaldehyde	7.11	77	153892	36.784	ng		94
10) Phenol	7.17	94	275812	38.034	ng		97
11) bis(2-Chloroethyl)ether	7.39	93	211522	36.635	ng		98
12) 1,3-Dichlorobenzene	7.86	146	234936	38.033	ng		96
13) 1,4-Dichlorobenzene	8.01	146	233217	37.890	ng		97
14) 1,2-Dichlorobenzene	8.33	146	222433	37.774	ng		98
15) Benzyl Alcohol	8.21	79	226301	37.246	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	197144	34.784	ng		94
17) 2-Methylphenol	8.42	107	206301	36.872	ng		95
18) Hexachloroethane	9.06	117	90549	39.133	ng		96
19) n-Nitroso-di-n-propylamine	8.78	70	186560	36.402	ng		98
20) 3+4-Methylphenols	8.75	107	284238	36.294	ng		98
22) Acetophenone	8.79	105	326763	38.830	ng	#	98
24) Nitrobenzene	9.17	77	281343	40.245	ng		96
25) Isophorone	9.70	82	525124	37.600	ng		99
26) 2-Nitrophenol	9.89	139	125761	41.764	ng		99
27) 2,4-Dimethylphenol	9.95	122	184176	38.547	ng		98
28) bis(2-Chloroethoxy)methane	10.18	93	275641	37.563	ng		97
29) 2,4-Dichlorophenol	10.43	162	219283	39.747	ng		99
30) 1,2,4-Trichlorobenzene	10.65	180	254507	40.744	ng		97
31) Naphthalene	10.83	128	666489	39.152	ng		98
32) Benzoic acid	10.11	122	119963	33.327	ng		96
33) 4-Chloroaniline	10.94	127	297732	37.502	ng		98
34) Hexachlorobutadiene	11.13	225	174949	40.851	ng		98
35) Caprolactam	11.71	113	74006	33.704	ng		93
36) 4-Chloro-3-methylphenol	12.07	107	251258	38.768	ng		97
37) 2-Methylnaphthalene	12.44	142	505880	38.286	ng		97
38) 1-Methylnaphthalene	12.66	142	477373	38.270	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	288326	39.661	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	171348	37.711	ng		99
43) 2,4,6-Trichlorophenol	13.05	196	196278	38.255	ng		94
44) 2,4,5-Trichlorophenol	13.13	196	223700	38.304	ng		99
46) 1,1'-Biphenyl	13.45	154	660258	38.473	ng		99
47) 2-Chloronaphthalene	13.49	162	506558	38.630	ng		99
48) 2-Nitroaniline	13.69	65	167801	38.893	ng		100
49) Acenaphthylene	14.34	152	813862	38.103	ng		100
50) Dimethylphthalate	14.07	163	684809	37.249	ng		99
51) 2,6-Dinitrotoluene	14.19	165	156118	37.965	ng		97
52) Acenaphthene	14.68	154	558653m	38.657	ng		
53) 3-Nitroaniline	14.51	138	161307	35.766	ng		94
54) 2,4-Dinitrophenol	14.72	184	96743	39.565	ng	#	88
55) Dibenzofuran	15.02	168	800896	38.012	ng		98
56) 4-Nitrophenol	14.83	139	122332	34.983	ng		99
57) 2,4-Dinitrotoluene	14.98	165	223997	37.274	ng		97
58) Fluorene	15.66	166	664262	38.598	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	194701	37.468	ng		97
60) Diethylphthalate	15.44	149	707876	36.930	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	381750	38.538	ng		99
62) 4-Nitroaniline	15.68	138	167484	35.804	ng		92
63) Azobenzene	15.95	77	667472	37.770	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	141179	41.343	ng		97
66) n-Nitrosodiphenylamine	15.87	169	575125	38.530	ng		99
67) 4-Bromophenyl-phenylether	16.55	248	262612	39.183	ng		96
68) Hexachlorobenzene	16.68	284	273912	39.406	ng		97
69) Atrazine	16.82	200	184747	32.619	ng		99
70) Pentachlorophenol	17.02	266	145673	34.162	ng		97
71) Phenanthrene	17.41	178	1028493	38.525	ng		99
72) Anthracene	17.50	178	1035390	38.664	ng		100
73) Carbazole	17.77	167	997917	36.721	ng		99
74) Di-n-butylphthalate	18.33	149	1172869	38.813	ng		99
75) Fluoranthene	19.42	202	1250137	39.020	ng		99
77) Benzidine	19.59	184	570842	42.561	ng		98
78) Pyrene	19.78	202	1250103	39.455	ng		99
80) Butylbenzylphthalate	20.67	149	533419	40.615	ng		97
81) Benzo(a)anthracene	21.61	228	1183247	39.723	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	466976	39.387	ng		98
83) Chrysene	21.67	228	1146348	40.053	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	729389	40.380	ng		99
85) Di-n-octyl phthalate	22.72	149	1245942	39.888	ng		99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1487946	39.157	ng		98
88) Benzo(b)fluoranthene	23.79	252	1275792	39.238	ng		98
89) Benzo(k)fluoranthene	23.86	252	1196967	38.710	ng		98
90) Benzo(a)pyrene	24.64	252	1198892	39.053	ng		98
91) Dibenzo(a,h)anthracene	28.44	278	1192270	38.543	ng		98
92) Benzo(g,h,i)perylene	29.51	276	1185467	38.225	ng		97

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

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