Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045292.D
Acq On : 11 May 2020 11:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/13/2020 8:15:04 AM

Quant Time: May 11 13:31:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	62895	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	241080	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	176183	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	429493	20.00	ng		0.00
76) Chrysene-d12	21.64	240	407675	20.00	ng		0.00
87) Perylene-d12	24.81	264	453887	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	302637	79.44	ng		0.00
7) Phenol-d6	7.15	99	439967	77.73	ng		0.00
23) Nitrobenzene-d5	9.14	82	424856	80.41	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	209537	76.98	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	961866	80.05	ng		0.00
79) Terphenyl-d14	19.99	244	1616228	86.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	67911	40.11	ng		99
3) Pyridine	3.83	79	205417	39.41	ng		94
4) n-Nitrosodimethylamine	3.75	42	62917	39.40	ng		99
6) Aniline	7.30	93	276558	37.58	ng		98
8) 2-Chlorophenol	7.55	128	157663	38.51	ng		97
9) Benzaldehyde	7.11	77	114440	34.35	ng		97
10) Phenol	7.17	94	218137	38.51	ng		96
11) bis(2-Chloroethyl)ether	7.39	93	163293	36.21	ng		99
12) 1,3-Dichlorobenzene	7.87	146	184685	38.28	ng		92
13) 1,4-Dichlorobenzene	8.02	146	186412	38.78	ng		96
14) 1,2-Dichlorobenzene	8.33	146	177690	38.63	ng		94
15) Benzyl Alcohol	8.22	79	173768	36.62	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.51	45	155404	35.11	ng		94
17) 2-Methylphenol	8.43	107	161682	37.00	ng		98
18) Hexachloroethane	9.07	117	69352	38.37	ng		97
19) n-Nitroso-di-n-propylamine	8.79	70	143126	35.76	ng		98
20) 3+4-Methylphenols	8.76	107	224088	36.63	ng		98
22) Acetophenone	8.80	105	252875	38.79	ng	#	97
24) Nitrobenzene	9.18	77	221062	40.82	ng		96
25) Isophorone	9.71	82	414983	38.35	ng		99
26) 2-Nitrophenol	9.90	139	92978	39.86	ng		98
27) 2,4-Dimethylphenol	9.96	122	145795	39.39	ng		94
28) bis(2-Chloroethoxy)methane	10.19	93	213703	37.59	ng		99
29) 2,4-Dichlorophenol	10.44	162	163944	38.36	ng		92
30) 1,2,4-Trichlorobenzene	10.65	180	191305	39.53	ng		96
31) Naphthalene	10.84	128	524364	39.76	ng		99
32) Benzoic acid	10.10	122	87648	31.79	ng		85
33) 4-Chloroaniline	10.94	127	235759	38.33	ng		98
34) Hexachlorobutadiene	11.14	225	130208	39.24	ng		97
35) Caprolactam	11.70	113	62188	36.56	ng		92
36) 4-Chloro-3-methylphenol	12.08	107	197309	39.30	ng		99
37) 2-Methylnaphthalene	12.45	142	391821	38.28	ng		97
38) 1-Methylnaphthalene	12.67	142	370049	38.29	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	221123	38.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	126493	35.68	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	151985	37.96	ng		97
44) 2,4,5-Trichlorophenol	13.13	196	173590	38.09	ng		99
46) 1,1'-Biphenyl	13.46	154	509455	38.04	ng		99
47) 2-Chloronaphthalene	13.50	162	398173	38.91	ng		97
48) 2-Nitroaniline	13.70	65	135473	40.24	ng		97
49) Acenaphthylene	14.34	152	655661	39.34	ng		99
50) Dimethylphthalate	14.08	163	547776	38.18	ng		99
51) 2,6-Dinitrotoluene	14.19	165	123461	38.48	ng		97
52) Acenaphthene	14.69	154	436291m	38.69	ng		
53) 3-Nitroaniline	14.52	138	131886	37.48	ng		98
54) 2,4-Dinitrophenol	14.73	184	72721	38.11	ng		89
55) Dibenzofuran	15.03	168	643867	39.16	ng		98
56) 4-Nitrophenol	14.84	139	102697	37.64	ng		97
57) 2,4-Dinitrotoluene	14.98	165	187911	40.07	ng	#	97
58) Fluorene	15.67	166	533149	39.70	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	155166	38.27	ng		98
60) Diethylphthalate	15.44	149	576783	38.56	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	299112	38.70	ng		99
62) 4-Nitroaniline	15.69	138	142427	39.02	ng		96
63) Azobenzene	15.96	77	543007	39.38	ng		97
65) 4,6-Dinitro-2-methylphenol	15.75	198	112720	39.93	ng		98
66) n-Nitrosodiphenylamine	15.88	169	474647	38.46	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	208442	37.62	ng		96
68) Hexachlorobenzene	16.69	284	215449	37.49	ng		99
69) Atrazine	16.83	200	160058	34.44	ng		98
70) Pentachlorophenol	17.03	266	121499	34.47	ng		98
71) Phenanthrene	17.42	178	875144	39.65	ng		99
72) Anthracene	17.50	178	884340	39.94	ng		99
73) Carbazole	17.77	167	863367	38.43	ng		99
74) Di-n-butylphthalate	18.34	149	1006029	40.53	ng		99
75) Fluoranthene	19.43	202	1088979	41.50	ng		98
77) Benzidine	19.60	184	477781	39.77	ng		98
78) Pyrene	19.78	202	1097344	39.04	ng		98
80) Butylbenzylphthalate	20.68	149	467784	40.15	ng		100
81) Benzo(a)anthracene	21.62	228	1054494	39.91	ng		98
82) 3,3'-Dichlorobenzidine	21.53	252	414032	39.37	ng		97
83) Chrysene	21.68	228	1016893	40.05	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	637332	39.78	ng		99
85) Di-n-octyl phthalate	22.73	149	1125501	40.62	ng		99
86) Indeno(1,2,3-cd)pyrene	28.41	276	1313529	38.97	ng	#	96
88) Benzo(b)fluoranthene	23.81	252	1128323	39.69	ng		99
89) Benzo(k)fluoranthene	23.87	252	1073791	39.71	ng		97
90) Benzo(a)pyrene	24.66	252	1061407	39.54	ng		98
91) Dibenzo(a,h)anthracene	28.47	278	1064628	39.36	ng		98
92) Benzo(g,h,i)perylene	29.53	276	1047248	38.62	ng		99

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

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