Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
Data File : BG045550.D
Acq On : 30 May 2020 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/1/2020 12:22:59 PM

Quant Time: May 31 23:17:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	84671	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	359378	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	268584	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	627986	20.00	ng	0.00
76) Chrysene-d12	21.61	240	583761	20.00	ng	0.00
87) Perylene-d12	24.76	264	661668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	373306	86.16	ng	0.00
7) Phenol-d6	7.15	99	551288	89.40	ng	-0.01
23) Nitrobenzene-d5	9.12	82	551853	83.74	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	284936	82.95	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1268101	80.09	ng	0.00
79) Terphenyl-d14	19.96	244	2007447	80.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	87033	40.51	ng	99
3) Pyridine	3.80	79	251445	42.02	ng	97
4) n-Nitrosodimethylamine	3.72	42	85160	43.49	ng	93
6) Aniline	7.28	93	344698	42.82	ng	96
8) 2-Chlorophenol	7.53	128	204966	43.14	ng	97
9) Benzaldehyde	7.08	77	165734	41.25	ng	95
10) Phenol	7.18	94	281450	44.28	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	217011	43.78	ng	99
12) 1,3-Dichlorobenzene	7.84	146	241676	42.33	ng	98
13) 1,4-Dichlorobenzene	7.99	146	241742	42.90	ng	98
14) 1,2-Dichlorobenzene	8.30	146	228585	42.18	ng	97
15) Benzyl Alcohol	8.20	79	230781	45.30	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	203524	43.25	ng	98
17) 2-Methylphenol	8.42	107	210199	44.19	ng	98
18) Hexachloroethane	9.04	117	91292	42.30	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	190499	44.67	ng	98
20) 3+4-Methylphenols	8.75	107	288509	44.54	ng	94
22) Acetophenone	8.77	105	347588	40.81	ng	97
24) Nitrobenzene	9.16	77	292310	41.40	ng	98
25) Isophorone	9.69	82	537996	41.45	ng	98
26) 2-Nitrophenol	9.87	139	126956	42.03	ng	95
27) 2,4-Dimethylphenol	9.95	122	190065	42.43	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	281485	41.36	ng	97
29) 2,4-Dichlorophenol	10.43	162	229942	43.47	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	261752	41.87	ng	97
31) Naphthalene	10.81	128	695728	41.54	ng	100
32) Benzoic acid	10.14	122	140341	46.47	ng	95
33) 4-Chloroaniline	10.92	127	302528	43.22	ng	98
34) Hexachlorobutadiene	11.10	225	185142	41.90	ng	98
35) Caprolactam	11.71	113	85015m	43.78	ng	
36) 4-Chloro-3-methylphenol	12.08	107	265876	44.60	ng	93
37) 2-Methylnaphthalene	12.42	142	534018	42.78	ng	97
38) 1-Methylnaphthalene	12.64	142	504605	42.80	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	302781	40.36	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	141823	32.75	ng		99
43) 2,4,6-Trichlorophenol	13.04	196	213323	40.93	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	236129	39.65	ng		97
46) 1,1'-Biphenyl	13.43	154	669533	40.57	ng		98
47) 2-Chloronaphthalene	13.47	162	543959	40.59	ng		98
48) 2-Nitroaniline	13.68	65	177089	40.17	ng		90
49) Acenaphthylene	14.32	152	876818	40.73	ng		99
50) Dimethylphthalate	14.06	163	723543	39.27	ng		99
51) 2,6-Dinitrotoluene	14.17	165	167529	40.30	ng		99
52) Acenaphthene	14.67	154	584616m	40.57	ng		
53) 3-Nitroaniline	14.51	138	171948	40.68	ng		94
54) 2,4-Dinitrophenol	14.71	184	75979	31.45	ng		99
55) Dibenzofuran	15.00	168	866895	40.51	ng		97
56) 4-Nitrophenol	14.85	139	119079	37.22	ng		92
57) 2,4-Dinitrotoluene	14.97	165	241046	40.03	ng		95
58) Fluorene	15.65	166	717251	40.80	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	210252	40.13	ng		99
60) Diethylphthalate	15.42	149	757800	39.52	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	417383	41.49	ng		100
62) 4-Nitroaniline	15.68	138	177499	40.23	ng		98
63) Azobenzene	15.94	77	731816	40.93	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	135473	37.04	ng		98
66) n-Nitrosodiphenylamine	15.86	169	625983	41.52	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	291702	42.90	ng		97
68) Hexachlorobenzene	16.66	284	300526	42.25	ng		99
69) Atrazine	16.81	200	244819	39.42	ng		98
70) Pentachlorophenol	17.01	266	155479	42.10	ng		98
71) Phenanthrene	17.39	178	1125685	41.06	ng		99
72) Anthracene	17.48	178	1145152	41.59	ng		98
73) Carbazole	17.76	167	1092254	40.70	ng		99
74) Di-n-butylphthalate	18.31	149	1275126	39.59	ng		98
75) Fluoranthene	19.40	202	1382772	39.65	ng		99
77) Benzidine	19.58	184	588857	35.92	ng		99
78) Pyrene	19.76	202	1391079	41.80	ng		98
80) Butylbenzylphthalate	20.65	149	593124	41.29	ng		98
81) Benzo(a)anthracene	21.59	228	1354876	41.66	ng		98
82) 3,3'-Dichlorobenzidine	21.50	252	516324	40.48	ng		98
83) Chrysene	21.66	228	1307127	41.80	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	825196	41.79	ng		99
85) Di-n-octyl phthalate	22.69	149	1419000	41.84	ng		100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1765144	43.17	ng	#	60
88) Benzo(b)fluoranthene	23.76	252	1492127	42.05	ng		99
89) Benzo(k)fluoranthene	23.83	252	1401228	42.03	ng		99
90) Benzo(a)pyrene	24.61	252	1404238	42.49	ng		96
91) Dibenzo(a,h)anthracene	28.39	278	1399880	42.15	ng		100
92) Benzo(g,h,i)perylene	29.45	276	1410621	42.47	ng		96

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

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