Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045554.D
Acq On : 1 Jun 2020 13:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 01 15:18:11 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

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/2/2020 3:22:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	64910	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	273539	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	206732	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	486241	20.00	ng		0.00
76) Chrysene-d12	21.60	240	440336	20.00	ng		0.00
87) Perylene-d12	24.75	264	481198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	284385	85.62	ng		0.00
7) Phenol-d6	7.15	99	433467	91.69	ng		0.00
23) Nitrobenzene-d5	9.11	82	428954	85.51	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	212572	80.40	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	994589	81.60	ng		0.00
79) Terphenyl-d14	19.96	244	1588311	84.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	66921	40.631	ng		98
3) Pyridine	3.80	79	197922	43.147	ng		95
4) n-Nitrosodimethylamine	3.71	42	61884	41.227	ng		87
6) Aniline	7.28	93	275062	44.572	ng		99
8) 2-Chlorophenol	7.53	128	161364	44.302	ng		97
9) Benzaldehyde	7.08	77	125484	40.742	ng		96
10) Phenol	7.18	94	220888	45.337	ng		96
11) bis(2-Chloroethyl)ether	7.37	93	169234	44.532	ng		94
12) 1,3-Dichlorobenzene	7.84	146	187373	42.808	ng		100
13) 1,4-Dichlorobenzene	7.99	146	189345	43.834	ng		98
14) 1,2-Dichlorobenzene	8.30	146	179726	43.260	ng		98
15) Benzyl Alcohol	8.20	79	172390	44.143	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	164652	45.643	ng		95
17) 2-Methylphenol	8.42	107	165837	45.475	ng		95
18) Hexachloroethane	9.04	117	74793	45.209	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	148838	45.530	ng		95
20) 3+4-Methylphenols	8.75	107	223252	44.956	ng	#	88
22) Acetophenone	8.77	105	271348	41.854	ng	#	97
24) Nitrobenzene	9.16	77	226152	42.080	ng		100
25) Isophorone	9.68	82	423936	42.914	ng		98
26) 2-Nitrophenol	9.87	139	97481	42.401	ng		96
27) 2,4-Dimethylphenol	9.95	122	146529	42.972	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	226317	43.684	ng		97
29) 2,4-Dichlorophenol	10.42	162	175160	43.501	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	203211	42.709	ng		99
31) Naphthalene	10.81	128	546736	42.892	ng		99
32) Benzoic acid	10.12	122	108752	47.125	ng		89
33) 4-Chloroaniline	10.92	127	238774	44.813	ng		97
34) Hexachlorobutadiene	11.10	225	144808	43.055	ng		98
35) Caprolactam	11.69	113	62809	42.497	ng	#	81
36) 4-Chloro-3-methylphenol	12.07	107	206851	45.589	ng		96
37) 2-Methylnaphthalene	12.42	142	412360	43.403	ng		99
38) 1-Methylnaphthalene	12.64	142	392024	43.682	ng	#	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	232234	40.218	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	132626	39.794	ng		100
43) 2,4,6-Trichlorophenol	13.04	196	165088	41.157	ng		96
44) 2,4,5-Trichlorophenol	13.12	196	187288	40.859	ng		97
46) 1,1'-Biphenyl	13.43	154	519021	40.859	ng		100
47) 2-Chloronaphthalene	13.47	162	425706	41.270	ng		99
48) 2-Nitroaniline	13.68	65	141212	41.617	ng		94
49) Acenaphthylene	14.32	152	684912	41.338	ng		99
50) Dimethylphthalate	14.05	163	578373	40.783	ng		99
51) 2,6-Dinitrotoluene	14.17	165	132471	41.396	ng		100
52) Acenaphthene	14.66	154	452367m	40.788	ng		
53) 3-Nitroaniline	14.51	138	132466	40.721	ng		93
54) 2,4-Dinitrophenol	14.71	184	68768	36.025	ng		93
55) Dibenzofuran	14.99	168	679575	41.262	ng		97
56) 4-Nitrophenol	14.85	139	93960	38.151	ng		98
57) 2,4-Dinitrotoluene	14.96	165	190825	41.174	ng		98
58) Fluorene	15.65	166	565953	41.827	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	160903	39.900	ng		99
60) Diethylphthalate	15.42	149	601071	40.721	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	323313	41.756	ng		99
62) 4-Nitroaniline	15.67	138	135176	39.804	ng		95
63) Azobenzene	15.93	77	577286	41.943	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	116367	41.092	ng		96
66) n-Nitrosodiphenylamine	15.85	169	490575	42.021	ng		95
67) 4-Bromophenyl-phenylether	16.53	248	223431	42.435	ng		98
68) Hexachlorobenzene	16.66	284	234170	42.523	ng		96
69) Atrazine	16.80	200	190118	39.537	ng		98
70) Pentachlorophenol	17.00	266	113053	39.537	ng		97
71) Phenanthrene	17.39	178	899496	42.375	ng		99
72) Anthracene	17.48	178	896583	42.060	ng		99
73) Carbazole	17.75	167	851459	40.977	ng		99
74) Di-n-butylphthalate	18.31	149	1004297	40.269	ng		98
75) Fluoranthene	19.40	202	1084865	40.181	ng		100
77) Benzidine	19.58	184	418703	33.856	ng		98
78) Pyrene	19.76	202	1083777	43.177	ng		99
80) Butylbenzylphthalate	20.65	149	449132	41.454	ng		100
81) Benzo(a)anthracene	21.59	228	1028373	41.924	ng		100
82) 3,3'-Dichlorobenzidine	21.50	252	383469	39.853	ng		99
83) Chrysene	21.65	228	987497	41.868	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	630651	42.345	ng		99
85) Di-n-octyl phthalate	22.68	149	1074307	41.999	ng		99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1277866	41.431	ng	#	95
88) Benzo(b)fluoranthene	23.76	252	1093841	42.385	ng		99
89) Benzo(k)fluoranthene	23.82	252	1053717	43.460	ng		100
90) Benzo(a)pyrene	24.61	252	1036221	43.113	ng		97
91) Dibenzo(a,h)anthracene	28.39	278	1029583	42.628	ng		99
92) Benzo(g,h,i)perylene	29.44	276	1020272	42.237	ng		98

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

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